
UNSOM Health Policy Report

Health Workforce in Nevada 2013 Edition

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Given rapid change in health workforce supply and demand in Nevada, our ambition is to update *Health Workforce in Nevada* again in two years. If your organization or agency utilizes this report, we would appreciate learning more about how you have used it and how future editions can be improved. As such, please send your comments and suggestions, as well as requests for additional copies to Dr. John Packham at jpackham@medicine.nevada.edu.

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Health Workforce in Nevada – 2013 Edition

Section 1 – Overview and Background

Overview

Health Workforce in Nevada – 2013 Edition, provides a comprehensive assessment of health workforce supply and demand in Nevada. This report, prepared by the Office of Health Professions Research and Policy at the University of Nevada School of Medicine, is designed to provide information about health workforce trends to help health industry, educators, state and local policymakers, and other health stakeholders to better understand which health occupations will be in greatest demand in Nevada and how to better allocate resources to meet state workforce development needs and to improve the health of all Nevadans.

This report synthesizes a wide range of data collected by state and federal labor, health, and education agencies. It also provides an assessment of the scope and depth of health workforce shortages in Nevada. This section of the report provides a description and definition of the principal terms used throughout the report. It also summarizes key forces influencing health workforce supply and demand in Nevada. This report adopts a broad view of the jobs or occupations that make up the health workforce – in other words, it contains information on health professionals providing direct patient care services in hospitals and ambulatory care settings, as well as data on the wide range of administrative and non-clinical jobs in health care industries and other sectors of the state’s economy.

Section Two of the report contains the most up-to-date information on current and projected demand for health workers in Nevada utilizing employment estimates and projections developed by the Nevada Department of Employment, Training, and Rehabilitation (DETR). This section examines health workforce trends at both the industry and occupational levels of analysis over the past decade. Despite the deepest economic downturn since the Great Depression, the health care sector has actually experienced modest employment gains since 2007. This section concludes with a summary of projected health workforce change through 2020. These data suggest that a recovering economy, an aging population, and insurance coverage expansions resulting from the recent passage of the Patient Protection and Affordable Care Act (ACA) will produce steady demand for health services and thus generate above-average growth in health care employment in Nevada over the next decade. An appendix to this section contains detailed regional and state-level data on current and projected employment estimates for 66 health care occupations in Nevada.

Section Three of *Health Workforce in Nevada* details recent trends on the supply of health care workers utilizing data collected by agencies and boards in the State of Nevada charged with licensing and regulating health professionals. This section of the report provides trend data on changes in the

number of licensees, as well as change in the per capita number of licensed health professionals over the past decade. Section Three also contains current information on the regions of the state designated as Health Professional Shortage Areas (HPSAs) by the federal Health Resources and Services Administration (HRSA), and the number of Nevadans residing in primary care, mental health, and dental HPSAs. The geographical maldistribution of health professionals is a fundamental feature of health workforce shortages in Nevada. Section Three concludes with a summary of Nevada's health workforce rankings among the U.S. states. The data contained in this section of the report reveals workforce shortages across a wide range of health professions in Nevada. Appendices to this section contain: (a) detailed statewide and regional data on the number and per capita number of Nevadans in 42 licensed health professions; (b) current state health workforce rankings for physicians, medical specialties, nurses, and other health professions; and (c) an inventory of recent graduation trends in public and private health care degree and certificate programs in Nevada.

Section Four summarizes the report's key findings and assesses the public policy implications of recent and projected trends in health workforce supply and demand in Nevada. This section of the report also includes recommendations for future health workforce research. The employment data presented in *Health Workforce in Nevada* provides a salient reminder of the substantial contributions made by the health services sector to the state's economy in that hospitals, physician practices, and other providers of medical goods and services are major employers and economic engines in their own right. In addition to providing essential medical services, a strong health care and medical services sector improves the quality of life in a myriad of direct and indirect ways, and helps Nevada attract and retain businesses and keep jobs in the state. Additionally, they play a critical role in local and regional economic development by generating additional employment, income, and opportunity in a wide range of other businesses in the state.

As such, health workforce development must be considered a key component of state and regional economic development strategies. In particular, state policymakers and educators must ensure that the health workforce in Nevada is educated and trained alongside those investments that health sector business establishments make in the facilities, technology, and capital infrastructure needed to deliver the quality health care to all Nevadans. Policymakers must recognize that hospitals and strong health care systems play a key role in making the Silver State an attractive place to settle, locate a business, or retire. Major employers from other economic sectors are less likely to relocate or stay in Nevada communities that lack strong hospital and health care systems. Health workforce development is integral to all of these economic development concerns.

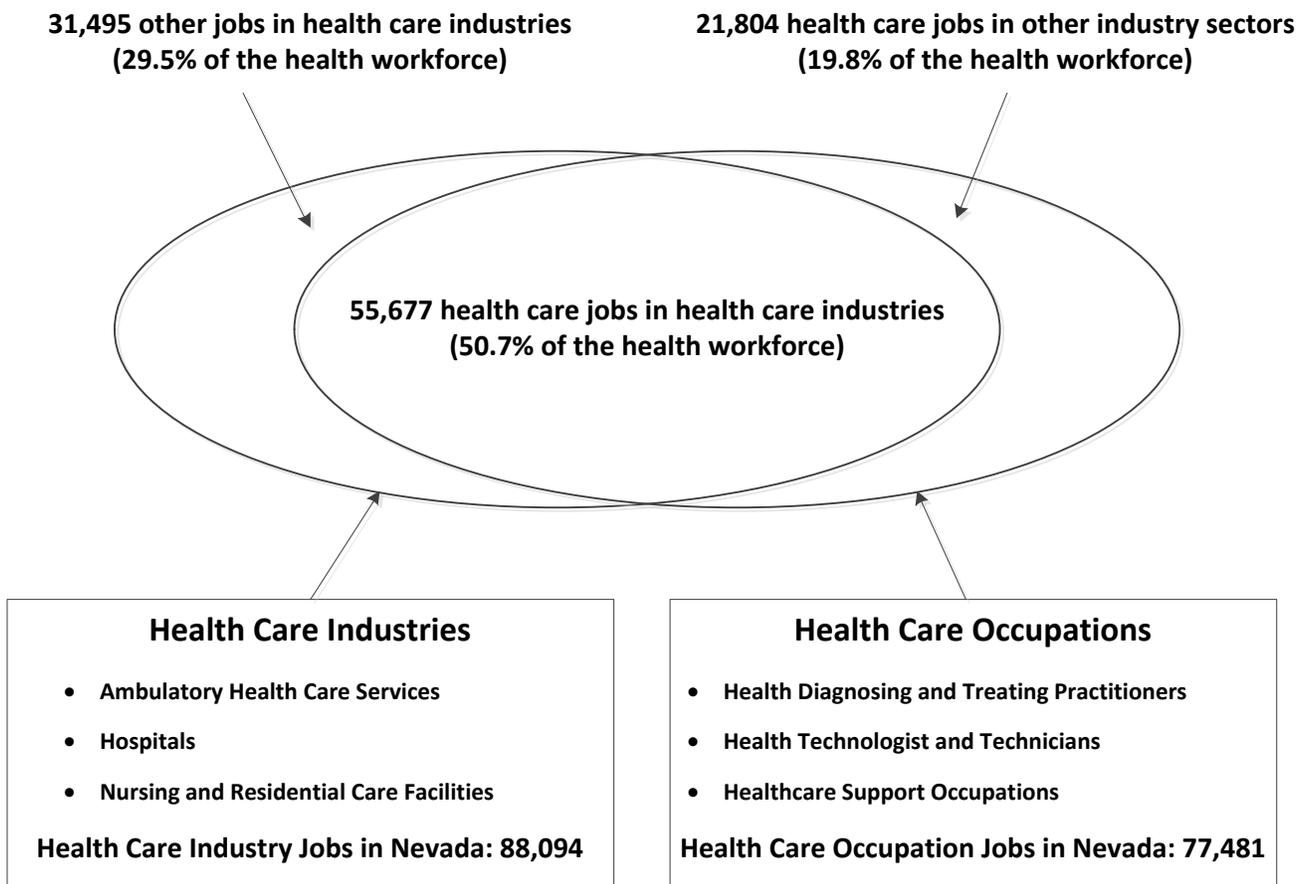
Health Workforce in Nevada

Figure 1.1 provides a snapshot of the 109,898 jobs that comprise the current health workforce in Nevada. In this report, a distinction is made between employment in health care *industries* versus employment in health care *occupations*. Health care industries are those that provide goods and

services to diagnose and treat patients with curative, preventive, rehabilitative, therapeutic, and/or palliative care. There are, broadly speaking, three major health care industries: ambulatory health care services, general and specialty hospitals, and nursing and residential care facilities. Each industry, in turn, can be further subdivided. For example, ambulatory health care services includes a wide range of services provided on an outpatient basis, including health services rendered in physician offices, community health centers, dentist offices, urgent care clinics, and outpatient departments of hospitals. In 2012, there were an estimated 88,094 jobs in health care industries.

Figure 1.1: Health Workforce in Nevada – 2012

**Nevada’s Health Care Workforce
109,898 total jobs or 9.9% of the civilian workforce in Nevada**



Source: Nevada Department of Employment, Training, and Rehabilitation (2012a).

In contrast, health care occupations refer to those professions or trades directly engaged in the provision of health care to patients. Employees who are in the same occupation (e.g., registered nurses) typically perform similar tasks, whether or not they work in the same industry. There are three broad categories of health care occupations: health diagnosing and treating practitioners (e.g., physicians, dentists, registered nurses), health technologists and technicians (e.g., radiology technologists and technicians, pharmacy technicians, emergency medical technicians and paramedics), and health care support occupations (e.g., home health aides, nursing assistants). In 2012, an estimated 77,481 Nevadans were employed in health care occupations.

Figure 1.1 highlights the fact that 50.7 percent of the health workforce or an estimated 55,677 jobs consist of traditional health care jobs in health care industries (e.g., physicians and registered nurses working in hospitals and clinics). However, a sizable segment of the health workforce consists of non-clinical and administrative jobs in health care industries, as well as health care jobs in other industry sectors. There are an estimated 31,495 non-clinical and administrative jobs in healthcare industries (e.g., health care managers and administrators, billing and coding clerks) and nearly 22,000 health care jobs in other industry sectors (e.g., school-based registered nurses). In summary, there are an estimated 109,898 health care jobs in Nevada or 9.9 percent of the civilian workforce in Nevada.

Health Workforce Supply, Demand, and Need

This report provides information on health workforce supply and demand in Nevada utilizing currently available data to researchers, policymakers, and the public. Before this data is presented, it is important to define a few basic terms, particularly need, demand, and supply. It is also important to briefly take stock of the multifaceted and dynamic forces influencing health workforce supply and demand in Nevada – forces that contribute to and complicate the already difficult task of accurately measuring supply and demand in any given health occupation or profession.

Health workforce *supply* refers to the number of personnel working or available to work in health care settings in Nevada. The term “supply” typically incorporates the economic notion of an individual’s willingness to work for a particular level of compensation. Most of the data on health workforce supply contained in this report are headcounts of licensed professionals residing in Nevada utilizing data routinely collected by state agencies charged with licensing and regulating health care professionals. As such, the report relies on the number of licensed health professionals as a general indicator of workforce supply. Thus, at best, licensed headcounts are an imperfect measure of supply, since licensed health care practitioners may be semiretired or working part time, may practice in another state, and/or may be engaged in other professional activities, including nonclinical or administrative work. Ideally, the most accurate measure of health workforce supply would incorporate the precise number of employed personnel based on an enumeration of full- and part-time health care workers in the state who are engaged in clinical or patient care activities.

Health workforce *demand* is also an economic concept and is based on the willingness of business establishments and employers to purchase the services of health care personnel at a particular compensation level. At the most general level, economic demand refers to the amount of services that we as a state or a nation are both willing and able to pay. The willingness and ability to pay for health care services is, in turn, influenced by the value we place on health care and the capacity of our economy to support expenditures on health services. As such, the concept of demand is the starting point in health workforce research because it comes closest to reflecting economic realities and because current levels of employment typically reflect economic demand. Most of the data on health workforce demand contained in this report are current and projected employment estimates developed by the Nevada Department of Employment, Training, and Rehabilitation (DETR).

Finally, health workforce *need* refers to the number and type of health care workers that would be needed to care for a population based on the health status of that population, irrespective of cost considerations and the availability of health personnel. In contrast to the concept of health workforce demand, which asks about the actual utilization of health services based on what the market will bear, health workforce *need* refers to the optimal number and type of health care workers needed by a defined population given the health needs of that population and the ability of health care practitioners to address those needs. As a general rule, the need for health care workers typically exceeds economic demand. Moreover, unmet health needs vary considerably within populations (e.g., socioeconomic related disparities in health status) and across geographic areas (e.g., unmet rural and inner-city needs are greater than those of suburban areas of Clark and Washoe Counties). One of the striking features of health and health care in Nevada is the incongruity between Nevada's comparatively poor population health indicators and its underdeveloped medical sector and health workforce.

Health workforce research and planning in Nevada remain in their infancy. Consequently, state policymakers lack comprehensive data on supply and demand. While this report begins to address some of these shortcomings, greater attention must be focused on improving our understanding of how many and what types of health care workers will be needed for Nevada's growing, aging, and diversifying population. Indeed, one of this report's recommendations for future research is to utilize the state licensure and re-licensure processes to improve the accuracy of data collection on the employment characteristics (e.g., place and type of employment, number of hours worked per week, full- or part-time status) of Nevada's current health workforce to guide health policy planning. Policymakers also need more varied and refined measures of current and projected health workforce demand, such as vacancy and turnover rates across health care industries.

Thus, while the estimates and projections developed by Nevada DETR are an essential starting point in the understanding of health workforce demand in Nevada, there is a clear need to develop more refined regional and statewide estimates of demand for specific occupations (e.g., registered nurses with critical care experience) and clusters of occupations (e.g., physician and non-physician primary care providers) to improve health workforce planning and development.

Table 1.1: Forces Influencing Health Workforce Supply and Demand in Nevada

Major Forces Influencing the Demand for Health Care Workers

Demographic change – Population growth, aging, and diversification in Nevada will continue to be the major drivers of the overall demand for hospital and physician services, as well as the demand for specific types of care and support services (e.g., geriatric care, translation services).

State of the economy – The general state of the regional and national economy has a significant impact on employment and personal income, which affect access to employer-sponsored insurance and income available to purchase insurance and health services. Economic factors such as local wages and job turnover also have an impact on the supply of personnel.

Health insurance coverage and the implementation of health reform – Increases in the state’s population covered by employer-sponsored health insurance plans, public programs like Medicare, Medicaid and the Veterans Administration, and new plans offered on the health insurance exchange in 2014 will increase utilization of a wide range of health care services over the next decade and thus place additional demands on the state’s health workforce.

Population health – Population health status and health-related behaviors influence the need and demand for health care services both positively (e.g., declining smoking rates) and negatively (e.g., rising obesity rates, low immunization rates).

Health care system – Evolving models of organizing and financing health care – in particular, the shift from volume-based, fee-for-service models to value-based, clinically-integrated delivery models and associated payment methodologies – will affect the volume of care, as well as how that care is delivered and where that care takes place (e.g., a greater proportion of care will take place in ambulatory and other outpatient settings) and the expansion of entirely new categories of health workers (e.g., patient navigators, community health workers, community paramedics).

Science and technological change – Rapidly changing technological applications in the medical sector simultaneously increase demand for new services (e.g., diffusion of new therapies and surgical techniques) and reduce demand for others through laborsaving technology (e.g., automated robotic pick-and-pull pharmacies in large hospitals).

State and federal policy – A wide range of state and federal policies affect demand for health care services, including insurance coverage expansions and essential health benefits embodied in national health reforms, and government policies encouraging use of electronic health records by hospitals and physician practices.

Major Forces Influencing the Supply of Health Care Workers

Higher education – The key determinant of health workforce supply is higher education program capacity, i.e., the number and range of undergraduate and graduate medical and health professions programs offered by the Nevada System of Higher Education and the growing number of private institutions such as Touro University and the Roseman University of Health Sciences. The ability of programs to expand admission slots and prepare additional health care workers is, in turn, affected by a variety of factors, including state budgetary constraints and faculty shortages across numerous programs.

Health professions licensing and regulation – Policies governing the licensing, credentialing, and regulation of health professionals by the State of Nevada exert a significant impact on health workforce supply. Examples include educational requirements for entering a health profession, scope of practice regulations for non-physician primary care providers, and reciprocity agreements between Nevada and other states’ licensing authorities.

State and federal policy – A wide range of state and federal policies impact health workforce supply, including Medicaid and Medicare reimbursement policies, federal support for health professions education and training, state and federal student loan forgiveness/repayment policies, public and private reimbursement of telehealth, and government support for health professions recruitment and retention efforts.

Forces Influencing Health Workforce Demand and Supply in Nevada

Addressing health workforce shortages in Nevada and their related unwanted consequences on costs, access, and quality for Nevada residents requires a thorough understanding of the complex, interrelated forces influencing supply and demand. The major social, demographic, and policy-related forces influencing health workforce supply and demand in Nevada are summarized and illustrated in Table 1.1.

The following tables highlight four of the key drivers of increased health workforce demand in Nevada through the end of the decade: (1) modest population growth across most regions of the state; (2) an aging population; (3) significant increases in the number of insured Nevadans associated with the expansion of Medicaid eligibility and implementation of the Silver State Health Insurance Exchange in 2014; and (4) the persistence of unmet health care needs as evidenced by Nevada's comparatively poor population health profile and ranking among other U.S. states.

Table 1.2 provides population estimates developed by the Nevada State Demographer's Office for the next five years. The rate of projected population growth is modest when compared to that of the previous two decades. Nonetheless, Nevada's population is expected to grow by nearly 235,000 by 2017. Most of this growth is concentrated in the Las Vegas region which will add over 160,000 residents. Nonetheless, urban regions in northern Nevada and most rural and frontier regions of the state will add close to 70,000 residents over the next five years.

Table 1.3 documents projected population change among Nevadans aged 65 or older through 2017. Again, while projected population growth in this segment of the state's population is modest compared to pre-recession growth rates, the state will add an estimated 58,855 seniors to our current Medicare population of 370,000 over the next five years. Population growth and aging will generate greater utilization of primary care and specialty care health services and consequentially fuel increased demand for physicians, nurses, and other health professionals through the end of the current decade.

Insurance coverage expansions associated with the implementation of national health reforms will also generate new demand for health services and thus additional demand for health care workers and for new types of workers, such as health information technology specialists and patient navigators. Table 1.4 documents anticipated growth in the number of Nevadans insured through the state's participation in the Medicaid expansion and private plans offered on the Silver State Health Insurance Exchange after January 1, 2014. In the next two years, an estimated 355,000 Nevadans will gain health insurance coverage through the Medicaid expansion and through plans offered on the exchange, as well as growth in the number of insured Nevadans through employer-sponsored plans as the economy recovers. Between now and 2020, nearly 600,000 Nevada residents will gain health insurance coverage.

Finally, Table 1.5 highlights features of Nevada's historically poor population health profile revealed through the United Health Foundation's most recent set of state health rankings. The shaded lines in

Table 1.5 highlights those population health measures in which Nevada ranks below the average for all US states. According to the United Health Foundation, Nevada ranks 38th among US states in its most current health rankings. As abundant unmet health care needs in Nevada are joined with the aforementioned health insurance coverage expansions, substantial new demands will be placed on the state’s health care system and fuel significant new demand for a wide range of health care workers.

Table 1.2: Current and Projected Population in Nevada – 2012 to 2017

County/Region	Estimated Population		Change – 2012 to 2017	
	2012	2017	Number	Percent
Rural and Frontier				
Churchill County	25,512	29,189	3,677	14.4
Douglas County	47,223	49,945	2,722	5.8
Elko County	52,790	59,005	6,215	11.8
Esmeralda County	813	1,185	372	45.8
Eureka County	2,018	1,845	-173	-8.6
Humboldt County	17,652	21,866	4,214	23.9
Lander County	6,287	6,843	556	8.8
Lincoln County	5,447	5,014	-433	-7.9
Lyon County	53,328	62,373	9,045	17.0
Mineral County	4,677	5,060	383	8.2
Nye County	45,766	50,284	4,518	9.9
Pershing County	6,978	7,817	839	12.0
Storey County	4,288	4,567	279	6.5
White Pine County	10,535	10,620	85	0.8
<i>Subtotal – Rural and Frontier Counties</i>	<i>283,314</i>	<i>315,611</i>	<i>32,297</i>	<i>11.4</i>
Urban				
Carson City	55,485	60,337	4,852	8.7
Clark County	1,988,492	2,149,624	161,132	8.1
Washoe County	422,994	459,570	36,576	8.6
Subtotal – Urban Counties	2,466,971	2,669,531	202,560	8.2
Nevada – Total	2,750,285	2,985,141	234,856	8.5

Source: Nevada State Demographer’s Office (2012).

Table 1.3: Current and Projected Population Aged 65 and Over in Nevada – 2012 to 2017

Region/County	Estimated Population 65 and Over		Change – 2012 to 2017	
	2012	2017	Number	Percent
Rural and Frontier Counties				
Churchill County	3,453	3,993	540	15.6
Douglas County	9,932	11,531	1,599	16.1
Elko County	4,830	6,060	1,230	25.5
Esmeralda County	224	243	19	8.5
Eureka County	212	229	17	8.0
Humboldt County	2,292	2,907	615	26.8
Lander County	858	1,061	203	23.7
Lincoln County	827	987	160	19.3
Lyon County	8,574	10,434	1,860	21.7
Mineral County	936	929	-7	-0.7
Nye County	11,006	12,128	1,122	10.2
Pershing County	701	834	133	19.0
Storey County	941	1,157	216	23.0
White Pine County	1,459	1,526	67	4.6
<i>Subtotal – Rural and Frontier Counties</i>	<i>46,245</i>	<i>54,019</i>	<i>7,774</i>	<i>16.8</i>
Urban				
Carson City	7,815	8,957	1,142	14.6
Clark County	240,769	280,353	39,584	16.4
Washoe County	49,303	59,658	10,355	21.0
<i>Subtotal – Urban Counties</i>	<i>297,887</i>	<i>348,968</i>	<i>51,081</i>	<i>17.1</i>
Nevada – Total	344,132	402,987	58,855	17.1

Source: Nevada State Demographer's Office. (2012).

Table 1.4: Estimated and Projected Health Insurance Coverage in Nevada – 2012 to 2020

Year	Employer-Sponsored, Direct Purchase, Medicare, Military	Medicaid and Nevada Checkup	Silver State Health Insurance Exchange	Uninsured
2012	1,793,023	330,358	N/A	619,914
2014	1,864,819	478,693	114,479	354,268
2016	1,921,551	522,861	140,908	303,112
2018	1,984,816	527,892	141,547	311,194
2020	2,048,943	528,289	140,948	318,689
Change – 2012-2014	+ 71,796 (+ 4.0%)	+ 148,335 (+ 44.9%)	+ 114,479	- 265,646 (- 42.9%)
Change – 2012-2020	+ 255,920 (+ 14.3%)	+ 197,931 (+ 59.9%)	+ 140,948	- 301,225 (- 48.6%)

Source: Nevada Department of Health and Human Services (2012).

Table 1.5: Population Health In Nevada and Nevada’s Health Ranking Among US States – 2012

Measures	Nevada		US Range	
	Value	Rank	Top State	Bottom State
Health Determinants				
Health Behaviors				
Smoking (Percent of adult population) – 2011 (-)	22.9	34	11.8	29.0
Binge Drinking (Percent of adult population) – 2011 (-)	18.6	28	10.0	24.3
Obesity (Percent of adult population) – 2011 (-)	24.5	7	20.7	34.9
Sedentary Lifestyle (Percent of adult population) – 2011 (-)	24.3	17	16.5	36.0
High School Graduation (Percent of incoming ninth graders) – 2008-2009 (+)	56.3	50	90.7	56.3
Community and Environment				
Violent Crime (Offenses per 100,000 population) – 2010 (-)	661	50	122	661
Occupational Fatalities (Deaths per 100,000 population) – 2011 (-)	4.7	28	2.4	8.8
Infectious Diseases (Cases per 100,000 population) – 2009-2010 (-)	6.0	8	2.8	24.3
Children in Poverty (Percent of persons under the age of 18) – 2011 (-)	20.6	23	8.6	31.7
Air Pollution (Micrograms of fine particles per cubic meter) – 2009-2011 (-)	8.4	15	5.1	15.3
Health Policy				
Lack of Health Insurance (Percent without health insurance) – 2010-2011 (-)	22.0	49	4.5	24.2
Public Health Funding (Dollars per person) – 2010-2011 (+)	\$39	49	\$236	\$39
Immunization Coverage (Percent of Children ages 19-35 months) – 2011 (+)	87.6	40	94.2	8.25
Clinical Care				
Low Birthweight (Percent of live births) – 2010 (-)	8.3	27	5.7	12.1
Primary Care Physicians (Number per 100,00 population) – 2010 (+)	83.6	47	194.5	77.5
Preventable Hospitalizations (Number per 1,000 Medicare enrollees) – 2010 (-)	58.1	16	25.0	102.8
<i>Overall Ranking on Health Determinants</i>	39			
Health Outcomes				
Diabetes (Percent of adult population) – 2011 (-)	10.3	37	6.7	12.4
Poor Mental Health Days (Days in previous 30 days) – 2011 (-)	3.9	28	2.8	5.2
Poor Physical Health Days (Days in previous 30 days) – 2007-2009 (-)	3.9	25	2.9	5.3
Geographic Disparity (Relative standard deviation) – 2007-2009 (-)	19.2	45	5.6	29.6
Infant Mortality (Deaths per 1,000 live births) – 2007-2009 (-)	5.6	15	6.04.4	10.0
Cardiovascular Deaths (Deaths per 100,000 population) – 2007-2009 (-)	273.2	33	195.9	357.4
Cancer Deaths (Deaths per 100,000 population) – 2007-2009 (-)	184.3	24	128.6	215.7
Premature Deaths (Years lost per 100,000 population) – 2009 (-)	8,159	35	5,621	11,113
<i>Overall Ranking on Health Outcomes</i>	32			
Overall State Health Ranking	38			

Source: United Health Foundation (2012).

Notes: Positive (+) and negative (-) determinants and outcomes are considered in the overall rankings. The 20 determinants and outcomes indicated with a negative ranking (-) are considered bad. Conversely, the 4 determinants and outcomes indicated with a high positive ranking (+) are considered good for a state. The shaded lines highlight the 15 of 24 population health measures in which Nevada ranks below the average for all US states.

Health Workforce in Nevada – 2013 Edition

Section 2 – Health Workforce Demand in Nevada

This section of the report contains the most up-to-date information on current and projected demand for health care workers in Nevada utilizing employment estimates and projections developed by the Nevada Department of Employment, Training, and Rehabilitation (DETR). The tables in this section provide detailed information on health workforce trends at both the industry and occupational levels of analysis over the past decade. Despite the deepest economic downturn since the Great Depression, health care was one of the few growth sectors in Nevada and has actually has experienced modest employment gains since 2007. This section concludes with a summary of projected health workforce change through 2020.

The data presented in this section indicate that a recovering economy, an aging population, and insurance coverage expansions resulting from the recent passage of the Patient Protection and Affordable Care Act will generate steady demand for health services and thus generate above-average growth in health care employment in Nevada over the next decade. An appendix to this section contains detailed regional and state-level data on current and projected employment estimates, as well as the estimated number of annual job openings for 66 health care occupations in Nevada.

Current Health Care Employment in Nevada – 2012

The health care and social assistance sector is comprised by four industries: (1) ambulatory health care services, (2) hospitals, (3) nursing and residential care facilities, and (4) social assistance services. Throughout this section of the report, the discussion of “health care industries” focuses on employment trends in the former three industries within the sector, and devotes less attention to employment trends in the social assistance industry, which consists largely of non-patient-care related employment in vocational rehabilitation centers, counseling agencies, child care facilities, and other non-clinical settings.

Table 2.1 summarizes current health care industry employment in Nevada by region. In 2012, an estimated 88,094 Nevadans were employed in health care industries, with 43,779 employed in ambulatory care settings (49.7 percent of health care industry employment), 31,827 employed in hospitals (36.1 percent), and 12,488 employed in nursing homes and residential care facilities (14.2 percent).

**Table 2.1: Employment in the Health Care and Social Assistance Sector
by Region in Nevada – 2012**

Industry	Estimated Employment – 2012				
	Las Vegas MSA	Reno-Sparks MSA	Carson City MSA	Rural & Frontier	Nevada – Total
Ambulatory Health Care Services					
Offices of Physicians	12,001	3,824	587	906	17,370
Offices of Dentists	5,162	1,333	203	513	7,239
Offices of Other Health Practitioners	3,618	1,062	131	419	5,254
Outpatient Care Centers	2,694	738	152	117	3,748
Medical and Diagnostic Laboratories	2,472	345	69	33	2,929
Home Health Care Services	4,220	643	103	126	5,156
Other Ambulatory Health Care Services	1,394	617	35	37	2,083
<i>Subtotal – Ambulatory Health Care Services</i>	<i>31,561</i>	<i>8,562</i>	<i>1,245</i>	<i>2,368</i>	<i>43,779</i>
Hospitals					
General Medical and Surgical Hospitals	19,357	6,250	1,117	2,076	28,800
Psychiatric and Substance Abuse Hospitals	578	359	***	***	937
Other Hospitals	1,533	557	***	***	2,090
<i>Subtotal – Hospitals</i>	<i>21,469</i>	<i>7,066</i>	<i>1,117</i>	<i>2,076</i>	<i>31,827</i>
Nursing and Residential Care Facilities					
Nursing Care Facilities	3,964	1,097	273	371	5,705
Residential Mental Health Facilities	1,690	858	150	132	3,027
Community Care Facility for the Elderly	2,058	642	209	106	3,152
Other Nursing and Residential Care Facilities	348	62	21	173	604
<i>Subtotal – Nursing and Residential Care Facilities</i>	<i>8,059</i>	<i>2,658</i>	<i>653</i>	<i>1,049</i>	<i>12,488</i>
Total – Health Care Industries	61,089	18,285	3,015	5,493	88,094
Social Assistance					
Individual and Family Services	7,559	2,125	476	408	10,587
Emergency and Other Relief Services	540	132	169	22	863
Vocational Rehabilitation Services	1,436	593	59	187	2,275
Child Day Care Services	2,745	836	76	283	3,960
<i>Subtotal – Social Assistance</i>	<i>12,279</i>	<i>3,686</i>	<i>552</i>	<i>1,024</i>	<i>17,685</i>
Total – Health Care and Social Assistance Sector	73,369	21,971	3,567	6,517	105,779

Source: Nevada Department of Employment, Training, and Rehabilitation (2012b).

Notes: *** No Data Available. Due to confidentiality issues and the associated suppression of data, regional subtotals do not sum to a statewide total for some industries. Las Vegas Metropolitan Statistical Area (MSA) is Clark County, Reno-Sparks MSA includes Washoe and Storey Counties, and Rural and Frontier includes the remaining 13 non-urban counties.

Over the past two decades, the proportion of health sector workers employed in ambulatory-care and post-acute care settings has increased relative to employment in general and specialty hospitals. Nevertheless, all three industries have experienced substantial growth.

While the geographic distribution of health care employment generally mirrors the geographic distribution of the state's population, there is a slightly greater proportion of Nevadans employed in health care industries per capita in urban areas of northern Nevada, as compared to urban areas in southern Nevada and rural and frontier regions of the state. Approximately, 69.3 percent of the workforce in health care industries are employed in Clark County (72.1 percent of the state's population), 24.2 percent are employed in Washoe County and Carson City (17.3 percent of the state's population), and the remaining 6.2 percent are employed in health care establishments scattered across the state's fourteen rural and frontier counties (10.6 percent of the state's population).

One of the striking features of employment in health care industries in Nevada is the degree to which the sector is underdeveloped when compared to other U.S. states. Despite abundant unmet health care needs, growing numbers of retirees, and persistently high percentages of the state's population without health insurance coverage, only 9.9 percent of the state's workforce is employed in health care. Nationally, 12 percent of employed persons currently work in health care industries.

Health Care Employment in Nevada – 2002 to 2012

Table 2.2 summarizes employment change in Nevada by industry sector over the past decade. Since 2002, overall employment in Nevada has increased by only 68,230 jobs or 6.5 percent. During the same period, the health care and social assistance sector (the shaded sections of the table) led all industry sectors in total job growth with the addition of 30,355 jobs over the course of the past decade, and possessed one of the highest job growth rates at 40.2 percent, eclipsed only by business management services (+173.8 percent) and mining (+65.2 percent).

Table 2.3 provides information on job growth within the three health care industries in the sector during the same time frame. Since 2002, 23,011 jobs have been added in the three major health care industries in Nevada. Job growth was greatest in ambulatory care services, which added 11,618 jobs over the past decade, while the rate of employment growth was greatest in nursing homes and residential care facilities which increased by 46.0 percent over the same time period. Noteworthy health workforce trends include the offices of physicians which added 3,527 jobs (+25.5 percent growth rate) and general medical and surgical hospitals which added nearly 6,000 jobs since 2002. Indeed, every segment of the health care sector experienced a net gain in jobs.

Tables 2.4 and 2.5 examine recent employment change by industry sector in Nevada since 2007. This period was marked by the onset of the mortgage foreclosure crisis and an economic recession that officially began in 2007 and ended in 2009, and by a relatively weak recovery over the last couple of years.

Table 2.2: Employment Change in Nevada by Industry Sector – 2002 to 2012

Industry Sector	Estimated Employment		Change – 2002 to 2012	
	2002	2012	Number	Percent
Accommodation and Food Services	270,297	287,038	+ 16,741	+ 6.2
Administrative and Waste Services	67,112	76,553	+ 9,441	+ 14.1
Agriculture, Forestry, Fishing and Hunting	2,184	2,135	- 49	-2.2
Arts, Entertainment, and Recreation	27,828	26,765	- 1,063	- 3.8
Construction	92,335	47,865	- 44,470	- 48.2
Educational Services (Private)	57,594	74,693	+ 17,099	+ 29.7
Finance and Insurance	34,378	29,994	- 4,384	- 12.8
Health Care and Social Assistance	75,424	105,779	+ 30,355	+ 40.2
• Ambulatory Health Care Services	32,160	43,779	+ 11,618	+ 36.1
• Hospitals	24,367	31,827	+ 7,460	+ 30.6
• Nursing and Residential Care Facilities	8,555	12,488	+ 3,933	+ 46.0
• Social Assistance	10,342	17,685	+ 7,343	+ 71.0
Information Services	17,743	13,345	- 4,398	- 24.8
Management of Companies and Enterprises	7,066	19,350	+ 12,284	+ 173.8
Manufacturing	42,726	38,409	- 4,317	- 10.1
Mining	8,861	14,642	+ 5,781	+ 65.2
Other Services (Except Government)	23,817	27,928	+ 4,111	+ 17.3
Professional and Technical Services	40,436	48,247	+ 7,811	+ 19.3
Public Administration (Government)	57,085	58,895	+ 1,810	+ 3.2
Real Estate and Rental and Leasing	21,902	21,290	- 612	- 2.8
Trade, Retail	115,993	130,024	+ 14,031	+ 12.1
Trade, Wholesale	35,136	32,384	- 2,752	- 7.8
Transportation and Warehousing	41,125	51,827	+ 10,702	+ 26.0
Utilities	5,700	5,329	- 371	- 6.5
Nevada Total – All Industries	1,045,006	1,113,236	+ 68,230	+ 6.5

Source: Nevada Department of Employment, Training, and Rehabilitation (2012b).

Table 2.3: Employment Change in Health Care Industries in Nevada – 2002 to 2012

Industry Sector	Estimated Employment		Change – 2002 to 2012	
	2002	2012	Number	Percent
Ambulatory Health Care Services				
Offices of Physicians	13,843	17,370	+ 3,527	+ 25.5
Offices of Dentists	5,410	7,239	+ 1,829	+ 33.8
Offices of Other Health Practitioners	3,398	5,254	+ 1,856	+ 54.6
Outpatient Care Centers	2,515	3,748	+ 1,233	+ 49.0
Medical and Diagnostic Laboratories	2,418	2,929	+ 511	+ 21.1
Home Health Care Services	3,050	5,156	+ 2,106	+ 69.0
Other Ambulatory Health Care Services	1,527	2,083	+ 556	+ 36.4
<i>Subtotal – Ambulatory Health Care Services</i>	<i>32,161</i>	<i>43,779</i>	<i>+ 11,618</i>	<i>+ 36.1</i>
Hospitals				
General Medical and Surgical Hospitals	22,999	28,800	+ 5,801	+ 25.2
Psychiatric and Substance Abuse Hospitals	514	937	+ 423	+ 82.3
Other Hospitals	854	2,090	+ 1,236	+ 144.7
<i>Subtotal – Hospitals</i>	<i>24,367</i>	<i>31,827</i>	<i>+ 7,460</i>	<i>+ 30.6</i>
Nursing and Residential Care Facilities				
Nursing Care Facilities	5,251	5,705	+ 454	+ 8.6
Residential Mental Health Facilities	909	3,027	+ 2,118	+ 233.0
Community Care Facility for the Elderly	1,923	3,152	+ 1,229	+ 63.9
Other Residential Care Facilities	473	604	+ 131	+ 27.7
<i>Subtotal – Nursing and Residential Care Facilities</i>	<i>8,555</i>	<i>12,488</i>	<i>+ 3,933</i>	<i>+ 46.0</i>
Nevada Total – Health Care Industries	65,083	88,094	+ 23,011	+ 35.4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012b).

Notes: Due to confidentiality issues and the associated suppression of data, regional subtotals do not sum to a statewide total for some industries.

Table 2.4: Employment Change in Nevada by Industry Sector – 2007 to 2012

Industry Sector	Estimated Employment		Change – 2007 to 2012	
	2007	2012	Number	Percent
Accommodation and Food Services	308,872	287,038	- 21,834	- 7.1
Administrative and Waste Services	87,760	76,553	- 11,207	- 12.8
Agriculture, Forestry, and Fishing	2,146	2,135	- 11	- 0.5
Arts, Entertainment, and Recreation	30,635	26,765	- 3,870	- 12.6
Construction	133,899	47,865	- 86,034	- 64.3
Educational Services (Private)	7,066	7,954	+ 888	+ 12.6
Finance and Insurance	37,412	29,994	- 7,418	- 19.8
Health Care and Social Assistance	96,146	105,779	+ 9,633	+ 10.0
• Ambulatory Health Care Services	40,165	43,779	+ 3,614	+ 9.0
• Hospitals	29,083	31,827	+ 2,744	+ 9.4
• Nursing and Residential Care Facilities	10,809	12,488	+ 1,679	+ 15.5
• Social Assistance	16,091	17,685	+ 1,594	+ 9.9
Information Services	15,868	13,345	- 2,523	- 15.9
Management of Companies and Enterprises	16,668	19,350	+ 2,682	+ 16.1
Manufacturing	50,374	38,409	- 11,965	- 23.8
Mining	12,094	14,642	+ 2,548	+ 21.1
Other Services (Except Government)	29,226	27,928	- 1,298	- 4.4
Professional, Scientific, and Technical Services	54,873	48,247	- 6,626	- 12.1
Public Administration (Government)	63,923	58,895	- 4,028	- 6.4
Real Estate and Rental and Leasing	27,454	21,290	- 6,164	- 22.5
Trade, Retail	139,855	130,024	- 9,831	- 7.0
Trade, Wholesale	39,633	32,384	- 7,249	- 18.3
Transportation and Warehousing	54,105	51,827	- 2,278	- 4.2
Utilities	4,516	5,329	+ 813	+ 18.0
Nevada Total – All Industries	1,301,230	1,113,236	- 187,994	- 14.4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012b).

Table 2.5: Employment Change in Health Care Industries in Nevada – 2007 to 2012

Industry Sector	Estimated Employment		Change – 2007 to 2012	
	2007	2012	Number	Percent
Ambulatory Health Care Services				
Offices of Physicians	16,584	17,370	+ 786	+ 4.7
Offices of Dentists	6,965	7,239	+ 274	+ 3.9
Offices of Other Health Practitioners	4,553	5,254	+ 701	+ 15.4
Outpatient Care Centers	3,473	3,748	+ 275	+ 7.9
Medical and Diagnostic Laboratories	2,817	2,929	+ 112	+ 4.0
Home Health Care Services	3,714	5,156	+ 1,442	+ 38.8
Other Ambulatory Health Care Services	2,058	2,083	+ 25	+ 1.2
<i>Subtotal – Ambulatory Health Care Services</i>	<i>40,164</i>	<i>43,779</i>	<i>+ 3,614</i>	<i>+ 9.0</i>
Hospitals				
General Medical and Surgical Hospitals	27,011	28,800	+ 1,789	+ 6.6
Psychiatric and Substance Abuse Hospitals	682	937	+ 255	+ 37.4
Other Hospitals	1,390	2,090	+ 700	+ 50.4
<i>Subtotal – Hospitals</i>	<i>29,083</i>	<i>31,827</i>	<i>+ 2,744</i>	<i>+ 9.4</i>
Nursing and Residential Care Facilities				
Nursing Care Facilities	5,160	5,705	+ 545	+ 10.6
Residential Mental Health Facilities	2,847	3,027	+ 180	+ 6.3
Community Care Facility for the Elderly	2,345	3,152	+ 807	+ 34.4
Other Residential Care Facilities	456	604	+ 148	+ 32.5
<i>Subtotal – Nursing and Residential Care Facilities</i>	<i>10,808</i>	<i>12,488</i>	<i>+ 1,679</i>	<i>+ 15.5</i>
Nevada Total – Health Care Industries	80,055	88,094	+ 8,039	+ 10.0

Source: Nevada Department of Employment, Training, and Rehabilitation (2012b).

The upturn in the state and national economy has erased only a fraction of the job losses brought on by the deepest recession since the Great Depression. Employment in ambulatory care increased by an estimated 3,614 jobs or 9.0 percent between 2007 and 2012, including 1,761 jobs in the offices of physicians, dentists, and other health practitioners and nearly 1,500 jobs in home health services. Likewise, hospitals added nearly 3,000 jobs and nursing homes and other post-acute care facilities added an estimated 1,679 jobs during the same time span.

In other words, while the rate of recent health care employment growth in Nevada is considerably lower than pre-recession growth rates, the health sector has nonetheless been an economic mainstay over the past five years. The health care sector has not only added jobs and payroll during the recent recession and recovery, it continues to generate additional income and employment in other Nevada businesses as result of spending by health care establishments and their employees.

Since 2007, Nevada employers have shed an estimated 187,994 jobs. Job losses have been greatest in construction (a net loss of 86,034 jobs or 64.3 percent decline in employment), accommodation and food services (-21,834 jobs or -7.1 percent change), and manufacturing (-11,965 jobs or -23.8 percent change). While total employment in all Nevada industries declined by 14.4 percent since 2007, health care industry employment (the shaded section of Table 2.4) grew by a combined 10.0 percent.

Projected Health Care Employment by Industry in Nevada – 2010 to 2020

Tables 2.6 and 2.7 detail projected employment in the health care and social assistance sector in Nevada by region through 2020. Again, while the projected number of new jobs and the associated rate of employment growth in health care industries is modest compared to pre-recession growth rates, Nevada health care employers are nonetheless projected to add an estimated 13,527 jobs by 2020. Indeed, the projected growth rate of 16.3 percent in health care industries over the course of the decade is projected to exceed the growth rate of 11.6 percent for all industries in Nevada through 2020.

Projected employment growth in health care industries is being driven by moderate anticipated growth in the general population and the health care needs of an aging population in Nevada. In addition, increasing cost pressures from public and private payers of health care are expected to shift demand from relatively higher cost hospitals and long-term care services in Nevada to lower cost, outpatient-based health practitioners, home health care services, and clinical services across the state.

One of the striking features of projected health care employment change is that growth is expected across all health care industries and segments within each industry, as well as all regions of the state, including hospitals, clinics, and practices in rural and frontier counties of the state. The lion's share of this growth will continue to take place in health care establishments in the Las Vegas valley that will generate an additional 5,500 jobs.

Table 2.6: Projected Employment in the Health Care and Social Assistance Sector by Region in Nevada – 2020

Industry	Projected Employment – 2020				
	Las Vegas MSA	Reno-Sparks MSA	Carson City MSA	Rural & Frontier	Nevada – Total
Ambulatory Health Care Services					
Offices of Physicians	13,563	3,874	639	924	19,000
Offices of Dentists	5,505	1,450	222	588	7,765
Offices of Other Health Practitioners	4,760	1,175	184	522	6,641
Outpatient Care Centers	3,414	1,036	185	***	4,808
Medical and Diagnostic Laboratories	2,260	404	170	33	2,888
Home Health Care Services	4,997	1,003	50	303	6,353
Other Ambulatory Health Care Services	1,491	740	62	10	2,321
<i>Subtotal – Ambulatory Health Care Services</i>	<i>35,990</i>	<i>9,682</i>	<i>1,512</i>	<i>2,631</i>	<i>49,776</i>
Hospitals					
General Medical and Surgical Hospitals	20,223	6,288	1,257	2,215	30,287
Psychiatric and Substance Abuse Hospitals	607	358	***	***	965
Other Hospitals	1,577	733	***	***	2,310
<i>Subtotal – Hospitals</i>	<i>22,407</i>	<i>7,379</i>	<i>1,257</i>	<i>2,215</i>	<i>33,562</i>
Nursing and Residential Care Facilities					
Nursing Care Facilities	4,509	1,406	273	462	6,857
Residential Mental Health Facilities	1,302	653	150	***	2,290
Community Care Facility for the Elderly	2,326	643	209	233	3,500
Other Residential Care Facilities	517	***	***	***	517
<i>Subtotal – Nursing and Residential Care Facilities</i>	<i>8,387</i>	<i>2,704</i>	<i>872</i>	<i>1,201</i>	<i>13,164</i>
Total – Health Care Industries	66,784	19,765	3,641	6,047	96,502
Social Assistance					
Individual and Family Services	8,230	2,788	358	428	11,804
Emergency and Other Relief Services	***	***	***	***	***
Vocational Rehabilitation Services	1,492	684	153	207	2,536
Child Day Care Services	2,770	929	71	164	4,100
<i>Subtotal – Social Assistance</i>	<i>12,492</i>	<i>4,401</i>	<i>582</i>	<i>799</i>	<i>18,440</i>
Total – Health Care and Social Assistance Sector	79,908	24,166	4,223	6,846	115,983

Source: Nevada Department of Employment, Training, and Rehabilitation (2012c), Center for Health Information Analysis (CHIA) (2012).

Notes: *** No Data Available. Due to confidentiality issues and the associated suppression of data, regional subtotals do not sum to a statewide total for some industries. Las Vegas Metropolitan Statistical Area (MSA) is Clark County, Reno-Sparks MSA includes Washoe and Storey Counties, and Rural and Frontier includes the remaining 13 non-urban counties. Carson City hospital data were generated by the authors using CHIA hospital employment data and the DETR employment growth rate for the sector.

Table 2.7: Projected Employment Change in Health Care Industries in Nevada – 2010 to 2020

Industry Sector	Estimated Employment		Change – 2010 to 2020	
	2010	2020	Number	Percent
Ambulatory Health Care Services				
Offices of Physicians	16,532	19,000	+ 2,468	+ 14.9
Offices of Dentists	7,167	7,765	+ 598	+ 8.3
Offices of Other Health Practitioners	5,294	6,641	+ 1,347	+ 25.4
Outpatient Care Centers	3,686	4,808	+ 1,122	+ 30.4
Medical and Diagnostic Laboratories	2,455	2,888	+ 433	+ 17.6
Home Health Care Services	4,710	6,353	+ 1,643	+ 34.9
Other Ambulatory Health Care Services	2,154	2,321	+ 167	+ 7.8
<i>Subtotal – Ambulatory Health Care Services</i>	<i>41,998</i>	<i>49,776</i>	<i>+ 7,778</i>	<i>+ 18.5</i>
Hospitals				
General Medical and Surgical Hospitals	28,064	30,287	+ 2,223	+ 7.9
Psychiatric and Substance Abuse Hospitals	892	965	+ 73	+ 8.2
Other Hospitals	1,438	2,310	+ 872	+ 60.6
<i>Subtotal – Hospitals</i>	<i>30,394</i>	<i>33,562</i>	<i>+ 3,168</i>	<i>+ 10.4</i>
Nursing and Residential Care Facilities				
Nursing Care Facilities	5,506	6,857	+ 1,351	+ 24.5
Residential Mental Health Facilities	1,819	2,290	+ 471	+ 25.9
Community Care Facilities for the Elderly	2,809	3,500	+ 691	+ 24.6
Other Residential Care Facilities	449	517	+ 68	+ 15.1
<i>Subtotal – Nursing and Residential Care Facilities</i>	<i>10,583</i>	<i>13,164</i>	<i>+ 2,581</i>	<i>+ 24.4</i>
Nevada Total – Health Care Industries	82,975	96,502	+ 13,527	+ 16.3

Source: Nevada Department of Employment, Training, and Rehabilitation (2012c).

Notes: Due to confidentiality issues and the associated suppression of data, regional subtotals do not sum to a statewide total for some industries.

An important caveat to the employment estimates and projections developed by Nevada DETR is the time period during which those figures were developed. The estimates and projections presented in this report are a product of Nevada DETR surveys of business establishments that were conducted during a period in which the economy was slowly beginning to recover from the recent recession and, equally important, the fate of national health reforms and associated insurance coverage expansions were not settled issues. Since that time, the U.S. Supreme Court has upheld the constitutionality of the Patient Protection and Affordable Care Act (ACA), Governor Sandoval has decided that Nevada will participate in the ACA's Medicaid expansion, and eligible uninsured Nevadans will begin to receive health insurance coverage through plans offered on the Silver State Health Insurance Exchange beginning in January 2014. The projections contained in this report thus underestimate the demand for health care in Nevada likely to result from the projected 300,000 to 350,000 uninsured Nevadans who will gain coverage over the next three to five years. In addition, a quarter million Nevadans are expected to be insured by employer-sponsored plans as the economy recovers or by becoming eligible for Medicare and Veterans Administration plans. All told, 600,000 Nevadans are estimated to gain health insurance coverage through the year 2020 resulting in substantial additional demand for physicians, nurses, and a wide range of clinical and non-clinical support personnel.

Finally, comparisons with other states and national averages reveal that health care and medical services represent an underdeveloped sector of the Nevada economy. Many factors are responsible for the underdeveloped nature of the health sector, including historically lower per capita spending on health care and higher rates of the uninsured in Nevada, as compared to most other U.S. states. State and federal employment agencies utilize location quotients to compare the level of industry concentration and relative size of Nevada's health workforce with that of the entire nation. A location quotient of 1.0 or greater indicates that the concentration of a state's health workforce is equal to or above the national average in a given industry or industry sector. By contrast, a location quotient below 1.0 indicates that the concentration of health care workers is lower than the national average. Data produced by the Nevada Governor's Office of Economic Development (GOED) reveal that of those industries in the health and medical sector in Nevada that employ over 2,000 or more workers, only three have location quotients greater than 1.0: Specialty Hospitals (1.15), Services for the Elderly and Persons with Disabilities (1.09), and Offices of Dentists (1.03). In contrast, most of the largest employers in the health care sector in Nevada have location quotients less than 1.0 including the following major segments within the health sector: Nursing Care Facilities (0.41), General Medical and Surgical Hospitals (0.58), and Offices of Physicians (0.84) (Nevada GOED 2013).

Projected Health Care Employment by Occupation in Nevada – 2010 to 2020

Tables 2.8 and 2.9 highlight high demand health care occupations in Nevada through the end of the decade. Table 2.8 provides information on estimated employment change and the average number of annual job openings for 70 health care occupations in Nevada through 2020.

Table 2.8: Employment Change in Health Care Occupations in Nevada – 2010 to 2020

Rank		Occupation	Estimated Employment		Change – 2010 to 2020		Annual Job Openings – 2010 to 2020		
HC Occs	All NV Occs		2010	2020	Number	Percent	Growth	Replace	Total
1	7	Registered Nurses	17,414	20,365	2,951	16.9	295	315	610
2	21	Home Health Aides	4,336	5,882	1,546	35.7	155	56	211
3	41	Nursing Aides, Orderlies, and Attendants	4,885	5,657	772	15.8	77	63	140
4	43	Medical Secretaries	2,844	3,546	702	24.7	70	38	108
5	45	Medical Assistants	4,663	5,309	646	13.9	65	72	137
6	75	Licensed Practical and Licensed Vocational Nurses	2,130	2,539	409	19.2	41	57	98
7	76	Pharmacy Technicians	2,369	2,777	408	17.2	41	41	82
8	77	Massage Therapists	2,536	2,944	408	16.1	41	41	82
9	82	Physical Therapists	1,398	1,786	388	27.8	39	16	55
10	89	Fitness Trainers and Aerobics Instructors	2,159	2,535	376	17.4	38	34	72
11	98	Pharmacists	2,110	2,425	315	14.9	32	54	86
12	101	Physicians - Primary Care	2,196	2,498	302	13.8	31	43	74
13	122	Medical and Health Services Managers	1,837	2,090	253	13.8	25	45	70
14	130	Dental Assistants	2,844	3,080	236	8.3	24	60	84
15	141	Emergency Medical Technicians and Paramedics	1,343	1,549	206	15.3	21	27	48
16	142	Respiratory Therapists	780	972	192	24.6	19	15	34
17	151	Veterinary Technologists and Technicians	450	627	177	39.3	18	8	26
18	158	Dental Hygienists	1,272	1,448	176	13.8	18	26	44
19	159	Occupational Therapists	740	908	168	22.7	17	14	31
20	169	Medical Records and Health Information Technicians	1,330	1,482	152	11.4	15	27	42
21	178	Physicians – Specialists	1,383	1,521	138	10.0	14	27	41
22	184	Physical Therapist Aides	432	574	142	32.9	14	7	21
23	187	Medical and Public Health Social Workers	739	878	139	18.8	14	18	32
24	189	Environmental Scientists and Specialists	758	894	136	17.9	14	22	36
25	196	Child, Family, and School Social Workers	2,812	2,940	128	4.6	13	67	80
26	201	Physical Therapist Assistants	355	477	122	34.4	12	6	18
27	206	Mental Health Counselors	507	624	117	23.1	12	11	23
28	208	Social and Human Service Assistants	1,351	1,466	115	8.5	12	29	41
29	210	Diagnostic Medical Sonographers	336	450	114	33.9	11	5	16
30	229	Veterinarians	387	486	99	25.6	10	8	18
31	239	Surgical Technologists	709	800	91	12.8	9	12	21
32	249	Occupational Health and Safety Specialists	537	620	83	15.5	8	19	27
33	255	Clinical, Counseling, and School Psychologists	655	731	76	11.6	8	21	29
34	259	Educational, Vocational, and School Counselors	1,345	1,420	75	5.6	8	29	37
35	262	Speech-Language Pathologists	697	771	74	10.6	7	13	20

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Table 2.8: Employment Change in Health Care Occupations in Nevada – 2010 to 2020 (continued)

Rank		Occupation	Estimated Employment		Change – 2010 to 2020		Annual Job Openings – 2010 to 2020		
HC Occs	All NV Occs		2010	2020	Number	Percent	Growth	Replace	Total
36	268	Cardiovascular Technologists and Technicians	417	484	67	16.1	7	6	13
37	272	Physicians – Surgeons	439	502	63	4.6	6	9	15
38	270	Medical Scientists, Except Epidemiologists	208	274	66	31.7	7	1	8
39	273	Medical and Clinical Laboratory Technicians	728	792	64	8.8	6	14	20
40	279	Mental Health and Substance Abuse Social Workers	397	459	62	15.6	6	9	15
41	283	Rehabilitation Counselors	469	528	59	12.6	6	10	16
42	299	Health Educators	275	326	51	18.5	5	6	11
43	304	Opticians, Dispensing	499	548	49	9.8	5	10	15
44	317	Medical Equipment Repairers	123	168	45	36.6	4	3	7
45	320	Dentists	1,445	1,489	44	3.0	4	43	47
46	325	Medical and Clinical Laboratory Technologists	1,035	1,075	40	3.9	4	20	24
47	329	Medical Transcriptionists	514	553	39	7.6	4	8	12
48	337	Chiropractors	287	323	36	12.5	4	6	10
49	341	Dietitians and Nutritionists	295	330	35	11.9	4	10	14
50	358	Medical Equipment Preparers	237	266	29	12.2	3	4	7
51	360	Environmental Science and Protection Technicians	320	348	28	8.8	3	14	17
52	370	Marriage and Family Therapists	100	125	25	25.0	2	2	4
53	371	Optometrists	167	192	25	15.0	2	6	8
54	372	Psychiatric Aides	491	516	25	5.1	2	6	8
55	376	Substance Abuse and Behavior Disorder Counselors	260	284	24	9.2	2	6	8
56	346	Veterinary Assistants	708	731	23	3.2	2	11	13
57	384	Occupational Health and Safety Technicians	92	114	22	23.9	2	3	5
58	385	Athletic Trainers	102	124	22	21.6	2	4	6
59	393	Pharmacy Aides	157	177	20	12.7	2	2	4
60	401	Health and Safety Engineers, Except Mining	89	107	18	20.2	2	2	4
61	422	Nuclear Medicine Technologists	131	144	13	9.9	1	2	3
62	426	Dietetic Technicians	84	96	12	14.3	1	2	3
63	446	Epidemiologists	70	79	9	12.9	1	0	1
64	468	Recreational Therapists	37	43	6	16.2	1	1	2
65	487	Ophthalmic Laboratory Technicians	138	142	4	2.9	0	4	4
66	495	Food Scientists and Technologists	23	26	3	13.0	0	1	1
67	496	Dental Laboratory Technicians	171	174	3	1.8	0	5	5
68	527	Podiatrists	35	35	0	0.0	0	1	1
69	528	Medical Appliance Technicians	26	26	0	0.0	0	1	1
70	540	Respiratory Therapy Technicians	165	163	-2	-1.2	0	3	3

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d)

The total number of annual job openings is the sum of estimated job openings due to increase industry demand for the work performed in a given occupation plus the estimated job openings created by workers who will retire or leave the workforce.

The occupations listed in Table 2.8 are ranked according to the estimated number of new jobs created between 2010 and 2020 due to growth among all health care occupations in Nevada (rankings per the “HC Occs” column). Table 2.8 also lists the rank of each occupation in terms of projected growth among all occupations in Nevada during the same time period (rankings per the “All NV Occs” column). For instance, registered nurses are projected to have the greatest number of new jobs between 2010 and 2020 with 2,951 jobs resulting in a rank of 1 among health care occupations and a rank of 7 among all occupations in Nevada. Similarly, home health aides are expected to add 1,546 jobs due to growth through 2020, resulting in a rank of 2 among health care occupations and a rank of 21 among all occupations in the state, and so on. Table 2.8 also indicates that eleven health care occupations are ranked among the top 100 occupations in Nevada with the largest projected employment growth over the course of the next decade.

Table 2.8 highlights a number of occupations – primary and specialty-care physicians, pharmacists, dentists, and medical and clinical laboratory technologists and technicians – characterized by modest projected employment growth, yet characterized by a high proportion of annual job openings resulting from the replacement of health professionals due to retirement. For example, demographic and economic forces are projected to generate a small increase in demand for dentists due to growth (only 40 new jobs or 4 jobs due to growth through 2020); however, there will be 47 projected job openings for dentists in Nevada each year, with 44 of those job openings resulting from the need to replace dentists who are expected to retire or leave the state’s health workforce.

Table 2.9 ranks the top 35 health care occupations in Nevada in terms of the total number of annual job openings – openings due to new growth in demand plus demand due to the replacement of health professionals expected to retire or leave the workforce over the course of the next decade. This table also provides information on the average annual salary and the educational and training requirements of the top ranked health care occupations in Nevada. The shaded lines in Table 2.9 highlight the 20 occupations with an average annual salary greater than the state average of \$41,497 for all occupations. Additionally, 22 of the 35 high demand health care occupations listed in in Table 2.9 require a post-secondary degree for licensure in the State of Nevada.

Table 2.9: Educational and Salary Characteristics of High Demand Health Care Occupations in Nevada – 2010 to 2020

Occupation	Annual Job Openings	Average Annual Salary	Training and Education Requirements
Registered Nurses	610	77,840	ASSOCIATE’S DEGREE
Home Health Aides	211	24,080	NO DEGREE OR DIPLOMA REQUIRED
Nursing Aides, Orderlies, and Attendants	140	31,610	POSTSECONDARY VOCATIONAL TRAINING
Medical Assistants	137	30,910	MODERATE TERM ON THE JOB TRAINING
Medical Secretaries	108	36,250	HIGH SCHOOL DIPLOMA OR EQUIVALENT
Licensed Practical and Licensed Vocational Nurses	98	52,270	POSTSECONDARY NON-DEGREE AWARD
Pharmacists	86	110,130	FIRST PROFESSIONAL DEGREE
Dental Assistants	84	35,080	POSTSECONDARY NON-DEGREE AWARD
Pharmacy Technicians	82	34,150	POSTSECONDARY NON-DEGREE AWARD
Massage Therapists	82	26,950	POSTSECONDARY NON-DEGREE AWARD
Child, Family, and School Social Workers	80	47,700	BACHELOR’S OR HIGHER DEGREE
Physicians – Primary Care	74	204,660	DOCTORAL OR PROFESSIONAL DEGREE
Fitness Trainers and Aerobics Instructors	72	29,760	HIGH SCHOOL DIPLOMA OR EQUIVALENT
Medical and Health Services Managers	70	95,290	BACHELOR’S OR HIGHER DEGREE PLUS WORK EXPERIENCE
Physical Therapists	55	97,810	DOCTORAL OR PROFESSIONAL DEGREE
Emergency Medical Technicians and Paramedics	48	36,080	POSTSECONDARY NON-DEGREE AWARD
Dentists	47	158,059	DOCTORAL OR PROFESSIONAL DEGREE
Dental Hygienists	44	88,620	ASSOCIATE’S DEGREE
Medical Records and Health Information Technicians	42	36,490	HIGH SCHOOL DIPLOMA OR EQUIVALENT
Physicians – Specialists	41	218,280	DOCTORAL OR PROFESSIONAL DEGREE
Social and Human Service Assistants	41	30,380	BACHELOR’S DEGREE
Environmental Scientists and Specialists, Including Health	36	83,330	BACHELOR’S DEGREE
Respiratory Therapists	34	67,270	ASSOCIATE’S DEGREE
Medical and Public Health Social Workers	32	66,930	MASTER’S DEGREE
Occupational Therapists	31	94,800	MASTER’S DEGREE
Clinical, Counseling, and School Psychologists	29	67,120	DOCTORAL OR PROFESSIONAL DEGREE
Occupational Health and Safety Specialists	27	68,170	BACHELOR’S DEGREE
Veterinary Technologists and Technicians	26	32,510	ASSOCIATE’S DEGREE
Medical and Clinical Laboratory Technologists	24	68,790	BACHELOR’S DEGREE
Mental Health Counselors	23	51,640	MASTER’S DEGREE
Physical Therapist Aides	21	27,020	HIGH SCHOOL DIPLOMA OR EQUIVALENT
Surgical Technologists	21	53,990	POSTSECONDARY NON-DEGREE AWARD
Speech-Language Pathologists	20	30,790	MASTER’S DEGREE
Medical and Clinical Laboratory Technicians	20	39,890	ASSOCIATE’S DEGREE
Physical Therapist Assistants	18	55,130	ASSOCIATE’S DEGREE

Source: Nevada Department of Employment, Training, and Rehabilitation (2012a); Nevada Department of Employment, Training, and Rehabilitation (2012d); Occupational Information Network (2012).

Notes: The shaded lines highlight the 20 occupations with an average annual salary greater than the state average of \$41,497 for all occupations.

Tables 2.10 through 2.17 re-aggregate much of the same occupation-level information on projected employment growth and average annual job openings in Nevada into the following seven occupational clusters:

- Medicine and primary care occupations
- Nursing occupations
- Oral health occupations
- Mental and behavioral health occupations
- Pharmacy occupations
- Public health occupations
- Health care administration and support occupations

Forty-five of the 66 health-related occupations listed in Tables 2.10 to 2.17 possess projected growth rates greater than the average growth rate for all occupations in Nevada (11.5 percent) through 2020. These higher-than-average growth health occupations are shaded in gray. The occupation-level information contained in the following eight tables is presented in even greater detail in Appendix 1 which provides regional employment estimates and projections.

Table 2.10: Medicine and Primary Care Occupations – Projected Demand in Nevada – 2010 to 2020

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Physicians – Primary Care	2,196	2,258	2,498	302	13.8	31	43	74
Physicians – Surgeons	439	452	502	63	4.6	6	9	15
Physicians – Specialists	1,383	1,411	1,521	138	10.0	14	27	41

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

Table 2.11: Nursing Occupations – Projected Demand in Nevada – 2010 to 2020

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Registered Nurses	17,414	18,004	20,365	2,951	16.9	295	315	610
Licensed Practical /Vocational Nurses	2,130	2,212	2,539	409	19.2	41	57	98
Nursing Aides, Orderlies, and Attendants	4,885	5,039	5,657	772	15.8	77	63	140

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

**Table 2.12: Oral Health Occupations –
Projected Demand in Nevada – 2010 to 2020**

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Dentists	1,445	1,453	1,489	44	3.0	4	43	47
Dental Hygienists	1,272	1,308	1,448	176	13.8	18	26	44
Dental Laboratory Technicians	171	171	174	3	1.8	0	5	5
Dental Assistants	2,844	2,892	3,080	236	8.3	24	60	84

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

**Table 2.13: Mental and Behavioral Health Occupations –
Projected Demand in Nevada – 2010 to 2020**

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Child, Family, and School Social Workers	2,812	2,838	2,940	128	4.6	13	67	80
Clinical, Counseling, and School Psychologists	655	671	731	76	11.6	8	21	29
Educational, Vocational, and School Counselors	1,345	1,361	1,420	75	5.6	8	29	37
Marriage and Family Therapists	100	104	125	25	25.0	2	2	4
Medical and Public Health Social Workers	739	767	878	139	18.8	14	18	32
Mental Health and Substance Abuse Social Workers	397	409	459	62	15.6	6	9	15
Mental Health Counselors	507	531	624	117	23.1	12	11	23
Psychiatric Aides	491	495	513	25	5.1	2	6	8
Substance Abuse and Behavioral Counselors	260	264	284	24	9.2	2	6	8

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

**Table 2.14: Pharmacy Occupations –
Projected Demand in Nevada – 2010 to 2020**

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Pharmacists	2,110	2,174	2,425	315	14.9	32	54	86
Pharmacy Technicians	2,369	2,451	2,777	408	17.2	41	41	82
Pharmacy Aides	157	161	177	20	12.7	2	2	4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

**Table 2.15: Public Health Occupations –
Projected Demand in Nevada – 2010 to 2020**

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Epidemiologists	70	72	79	9	12.9	1	0	1
Environmental Scientists and Specialists	758	786	894	136	17.9	14	22	36
Environmental Science and Protection Technicians	320	326	348	28	8.8	3	14	17
Occupational Health and Safety Specialists	537	553	620	83	15.5	8	19	27
Occupational Health and Safety Technicians	92	96	114	22	23.9	2	3	5
Health Educators	275	285	326	51	18.5	5	6	11
Health and Safety Engineers, Except Mining	89	93	107	18	20.2	2	2	4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

**Table 2.16: Health Care Administration and Support Occupations –
Projected Demand in Nevada – 2010 to 2020**

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Medical and Health Services Managers	1,837	1,887	2,090	253	13.8	25	45	70
Medical Assistants	4,663	4,793	5,309	646	13.9	65	72	137
Medical Records and Health Information Technicians	1,330	1,360	1,482	152	11.4	15	27	41
Medical Secretaries	2,844	2,984	3,546	702	24.7	70	38	108
Medical Transcriptionists	514	522	553	39	7.6	4	8	12

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

Table 2.17: Other Allied Health Occupations – Projected Demand in Nevada – 2010 to 2020

Occupation	Estimated Employment			Change – 2010 to 2020		Annual Openings – 2010 to 2020		
	2010	2012	2020	Number	Percent	Growth	Replace	Total
Athletic Trainers	102	106	124	22	21.6	2	4	6
Cardiovascular Technologists and Technicians	417	431	484	67	16.1	7	6	13
Chiropractors	287	295	323	36	12.5	4	6	10
Diagnostic Medical Sonographers	336	358	450	114	33.9	11	5	16
Dietetic Technicians	84	86	96	12	14.3	1	2	3
Dietitians and Nutritionists	295	303	330	35	11.9	4	10	14
Emergency Medical Technicians and Paramedics	1,343	1,385	1,549	206	15.3	21	27	48
Fitness Trainers and Aerobics Instructors	2,159	2,235	2,535	376	17.4	38	34	72
Food Scientists and Technologists	23	23	26	3	13.0	0	1	1
Home Health Aides	4,336	4,646	5,882	1,546	35.7	155	56	211
Massage Therapists	2,536	2,618	1,944	408	16.1	41	41	82
Medical and Clinical Laboratory Technologists	1,035	1,043	1,075	40	3.9	4	20	24
Medical and Clinical Laboratory Technicians	728	740	792	64	8.8	6	14	20
Medical Appliance Technicians	26	26	26	0	0.0	0	1	1
Medical Equipment Preparers	237	243	266	29	12.2	3	4	7
Medical Equipment Repairers	123	131	168	45	36.6	4	3	7
Medical Scientists, Except Epidemiologists	208	222	274	66	31.7	7	1	8
Nuclear Medicine Technologists	131	133	144	13	9.9	1	2	3
Occupational Therapists	740	774	908	168	22.7	17	14	31
Ophthalmic Laboratory Technicians	138	138	142	4	2.9	0	4	4
Opticians, Dispensing	499	509	548	49	9.8	5	10	15
Optometrists	167	171	192	25	15.0	2	6	8
Physical Therapists	1,398	1,476	1,786	388	27.8	39	16	55
Physical Therapy Aides	432	460	574	142	32.9	14	7	21
Physical Therapy Assistants	355	379	477	122	34.4	12	6	18
Podiatrists	35	35	35	0	0.0	0	1	1
Radiology Technologists and Technicians	1,586	1,646	1,890	304	19.2	30	25	55
Recreational Therapists	37	39	43	6	16.2	1	1	2
Rehabilitation Counselors	469	481	528	59	12.6	6	10	16
Respiratory Therapists	780	818	972	192	24.6	19	15	34
Respiratory Therapy Technicians	165	165	163	-2	-1.2	0	3	3
Social and Human Service Assistants	1,351	1,375	1,466	115	8.5	12	29	41
Speech Language Pathologists	697	711	771	74	10.6	7	13	20

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Notes: The shaded lines highlight occupations with a projected growth rate greater than the average of 11.5 percent for all occupations in Nevada.

Health Workforce in Nevada – 2013 Edition

Section 3 – Health Workforce Supply in Nevada

This section of the report details recent trends on the supply of health care workers utilizing data collected by agencies and boards in the State of Nevada charged with licensing and regulating health professionals. This section of the report provides trend data on changes in the number of licensees, as well as change in the per capita number of licensed health professionals over the past decade. Section Three also contains current information on regions of the state designated as Health Professional Shortage Areas (HPSA) by the federal Health Resources and Services Administration (HRSA), including the number of Nevadans residing in primary care, mental health, and dental HPSAs. The geographical maldistribution of health professionals is a fundamental feature of health workforce shortages in Nevada. This section concludes with a summary of Nevada’s health workforce rankings among US states. The data contained in this section of the report reveals workforce shortages across a wide range of health professions in Nevada. Appendices to this section contain: (a) detailed statewide and regional data on the number and per capita number of Nevadans in 42 licensed health professions; (b) current state health workforce rankings for physicians, medical specialties, nurses, and other health professions; and (c) a comprehensive inventory of recent graduation trends in all public and private health care degree and certificate programs in Nevada.

Licensed Health Professionals in Nevada – 2002 to 2012

Tables 3.1 through 3.9 provide trend data on the number and per capita number of licensed health professionals in Nevada practicing in medicine and primary care, nursing, oral health, mental and behavioral health, public health, pharmacy, physical and occupational therapy, laboratory and radiology, health care administration and support, and allied health. Trend data on licensed physicians by medical specialty is supplemented with data from the American Medical Association’s (AMA) annual report on physician characteristics and distribution in the United States (American Medical Association 2012). Most of the data contained in this section utilizes licensure data provided by state agencies and licensing agencies to the Nevada Office of Health Professions Research and Policy.

The calculation of the number of licensees per 100,000 population utilize population estimates provided by the Nevada State Demographer’s Office. Due to variation in the availability of data from state licensing agencies over the past decade, the time interval varies from table to table. Every attempt was made to present information change over the time period 2002 to 2012. In a number of

cases, the time interval was shorter (e.g., 2006 to 2012). Regardless, these tables highlight key health workforce trends in Nevada over the past decade.

Table 3.1 provides information on change in the number of licensees in medicine and other primary care professions in Nevada from 2002 to 2012. A common feature of licensure trends over the past decade has been substantial growth in the number of licensees for most health professions, yet modest, if little, growth in the number of licensed health professionals per capita. For example, from 2002 to 2012, the number of licensed allopathic physicians (MDs) grew by 1,166 or 32.9 percent. However, the number of licensed MDs per 100,000 only increased by 6.6 percent during the same period due to steady population growth. This “treading water” trend typifies medicine and most of the licensure data presented in this section and helps explain why Nevada’s poor health workforce rankings among U.S. states do not change appreciably from year to year, despite the fact that the number of licensees in most fields has grown over the past ten years. Noteworthy exceptions include advanced practitioners of nursing (APNs) and physician assistants (PAs) who have experienced both strong numerical and per capita growth over the past decade.

Table 3.1: Health Workforce Supply in Nevada – Medicine and Primary Care Professions

Licensed Health Professionals	2002	2004	2006	2008	2010	2012	Change
Number							
Allopathic Physicians (MDs)	3,546	3,616	4,062	4,358	4,590	4,712	+ 1,166
Osteopathic Physicians (DOs)	-	-	448	461	497	536	+ 88
Advanced Practitioners of Nursing (APNs)	311	355	432	511	588	674	+ 363
Physician Assistants (PAs)	-	248	264	431	461	517	+ 269
Osteopathic Physician Assistants (PAs)	-	-	-	-	58	72	+ 14
Number per 100,000 Population							
Allopathic Physicians (MDs)	160.7	150.0	154.9	159.1	170.0	171.3	+ 10.6
Osteopathic Physicians (DOs)	-	-	17.1	16.8	18.4	19.5	+ 2.4
Advanced Practitioners of Nursing (APNs)	14.1	14.7	16.5	18.7	21.8	24.5	+ 10.4
Physician Assistants (PAs)	-	10.3	10.1	15.7	17.1	18.8	+ 8.5
Osteopathic Physician Assistants (PAs)	-	-	-	-	2.1	2.6	+ 0.5

Source: Nevada State Board of Medical Examiners (2002, 2004, 2006, 2008, 2010, 2012), Nevada State Board of Osteopathic Medicine (2006, 2008, 2010, 2012), Nevada State Board of Nursing (2002, 2004, 2006, 2008, 2010, 2012), Nevada State Demographer’s Office (2002, 2004, 2006, 2008, 2010, 2012).

Tables 3.2 through 3.4 document recent trends in allopathic physician (MDs) workforce by self-reported medical specialty in Nevada utilizing data from the AMA's Physician Masterfile data base. Table 3.2 indicates that the total number of licensed MDs in Nevada has increased from 2,019 in 1990 to 5,899 in 2010. Equally important, the number of licensed MDs increased in 35 of the 38 specialty areas tracked by the AMA – in 20 medical specialties, the number of licensees more than doubled, including substantial increases in the number of MDs in the primary care specialties of Family Medicine (+208.9%), Internal Medicine (+247.2%), and Pediatrics (+320.0%). The only exceptions to these trends were a drop in the number of licensed MDs in General Practice and negligible declines in the fields of Aerospace Medicine and Occupational Medicine (shaded lines).

Table 3.3 paints a considerably different picture. While the total number of licensed MDs in Nevada increased by 3,880 or 192.2 percent over the past two decades, the number of MDs per capita only grew by a modest 30.6 percent or from 170.2 MDs per 100,000 population in 1990 to 222.2 MDs per 100,000 population in 2010. Table 3.3 also highlights the much slower rate of change in the per capita number of MDs in most medical specialties. From 1990 to 2010, the number of MDs per capita increased in 22 of 38 medical specialties in Nevada, including Family Medicine (+38.1%), Gastroenterology (+81.2%), Internal Medicine (+55.2%), Pediatrics (+87.7%), Anesthesiology (+43.2%), and Emergency Medicine (+46.6%). Nonetheless, the AMA data indicate that the per capita number of MDs has declined in 16 of 38 specialties, including 7 of 10 surgical specialties over the past twenty years. Thus, while the growth of licensed MDs in most specialty areas in Nevada has grown steadily over the past two decades, Table 3.3 reveals that those increases have not kept pace with population growth in a number of critical specialty areas, including Cardiovascular Disease, Obstetrics and Gynecology, and Orthopedic Surgery.

Table 3.4 provides data comparing the most current number of licensed MDs per capita in Nevada with regional and national figures. Of the 38 medical specialty areas tracked by the AMA, only eight specialty areas in Nevada possess higher per capita rates than other states in the Mountain Region: Anesthesiology, Cardiovascular Disease, Forensic Medicine, General Practice, Internal Medicine, Plastic Surgery, Thoracic Surgery, and Transplant Surgery. Moreover, only one specialty area – Forensic Medicine – has a higher number of MDs per capita compared to national specialty averages. In general, across all specialty areas, the number of MDs per capita in Nevada is 86 percent of regional rates and 70 percent of the U.S. rates. The shaded lines in Table 3.4 indicate medical specialties in Nevada with lower per capita numbers as compared to regional and/or national rates.

**Table 3.2: Allopathic Physicians (MDs) by Self-Designated Specialty
in Nevada – 1990 to 2010**

Major Specialty	Total MDs						Change – 1990 to 2010	
	1990		2000		2010		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
<i>General and Family Practice</i>	270	13.3	432	11.1	583	9.9	+ 314	+ 116.3
Family Medicine	174	8.6	352	9.0	536	9.1	+ 363	+ 208.9
General Practice	96	1.7	80	1.4	47	0.8	- 49	- 51.0
<i>Medical Specialties</i>								
<i>Medical Specialties</i>	525	26.0	1,136	29.2	1,744	29.6	+ 1,220	+ 232.5
Allergy and Immunology	11	0.5	19	0.5	18	0.3	+ 7	+ 63.6
Cardiovascular Disease	66	3.3	123	3.2	142	2.4	+ 76	+ 115.2
Dermatology	22	1.1	49	1.3	51	0.9	+ 29	+ 131.8
Gastroenterology	18	0.9	47	1.2	73	1.2	+ 55	+ 305.6
Internal Medicine	294	14.5	625	16.1	1,019	17.3	+ 726	+ 247.2
Pediatric Cardiology	4	0.2	7	0.2	12	0.2	+ 9	+ 242.9
Pediatrics	90	4.5	229	5.9	378	6.4	+ 288	+ 320.0
Pulmonary Disease	21	1.0	37	1.0	51	0.9	+ 31	+ 148.8
<i>Surgical Specialties</i>								
<i>Surgical Specialties</i>	493	24.4	797	20.5	968	16.4	+ 476	+ 96.5
Colon and Rectal Surgery	3	0.1	4	0.1	6	0.1	+ 4	+ 140.0
General Surgery	128	6.3	168	4.3	215	3.6	+ 88	+ 68.6
Neurological Surgery	26	1.3	24	0.6	29	0.5	+ 3	+ 11.5
Obstetrics and Gynecology	132	6.5	241	6.2	280	4.7	+ 149	+ 112.9
Ophthalmology	46	2.3	83	2.1	97	1.6	+ 51	+ 110.9
Orthopedic Surgery	68	3.4	108	2.8	145	2.5	+ 77	+ 113.2
Otolaryngology	29	1.4	48	1.2	46	0.8	+ 18	+ 61.4
Plastic Surgery	24	1.2	41	1.1	54	0.9	+ 30	+ 125.0
Thoracic Surgery	7	0.3	32	0.8	32	0.5	+ 26	+ 392.3
Urology Surgery	32	1.6	48	1.2	64	1.1	+ 32	+ 100.0
<i>Other Specialties</i>								
<i>Other Specialties</i>	510	25.2	929	23.9	1,411	23.9	+ 902	+ 176.9
Aerospace Medicine	4	0.2	2	0.1	3	0.1	- 1	- 25.0
Anatomic/Clinical Pathology	50	2.5	69	1.8	83	1.4	+ 33	+ 66.0
Anesthesiology	116	5.7	243	6.2	370	6.3	+ 255	+ 220.3
Child and Adolescent Psychiatry	7	0.3	16	0.4	32	0.5	+ 26	+ 392.3
Diagnostic Radiology	54	2.6	107	2.7	169	2.9	+ 116	+ 215.9
Emergency Medicine	77	3.8	130	3.3	251	4.3	+ 175	+ 228.1
Forensic Medicine	5	0.2	5	0.1	6	0.1	+ 2	+ 33.3
General Preventive Medicine	2	0.1	5	0.1	13	0.2	+ 11	+ 550.0

Table 3.2: Allopathic Physicians (MDs) by Self-Designated Specialty in Nevada – 1990 to 2010 (continued)

Major Specialty	Total MDs						Change – 1990 to 2010	
	1990		2000		2010		Number	Percent
	Number	Percent	Number	Percent	Number	Percent		
<i>Other Specialties (continued)</i>								
Medical Genetics	0	0.0	1	0.0	3	0.1	+ 3	+ 300.0
Neurology	25	1.2	47	1.2	75	1.3	+ 51	+ 206.1
Nuclear Medicine	1	0.0	2	0.1	3	0.1	+ 3	+ 500.0
Occupational Medicine	14	0.7	13	0.3	12	0.2	- 2	- 14.3
Other Specialty	18	0.9	32	0.8	24	0.4	+ 6	+ 33.3
Physical Med and Rehabilitation	10	0.5	38	1.0	63	1.1	+ 53	+ 530.0
Psychiatry	67	3.3	127	3.3	182	3.1	+ 116	+ 173.7
Public Health and Gen Prev Med	6	0.3	7	0.2	6	0.1	0	0.0
Radiation Oncology	9	0.4	20	0.5	31	0.5	+ 23	+ 264.7
Radiology	29	1.4	44	1.1	65	1.1	+ 36	+ 124.1
Transplant	0	0.0	0	0.0	1	100.0	+ 1	+ 100.0
Unspecified	20	1.0	21	0.5	19	0.3	- 1	- 5.0
Not Classified	41	2.0	186	4.8	297	5.0	+ 256	+ 624.4
Inactive	182	9.0	413	10.6	896	15.2	+ 714	+ 392.3
Total MDs	2,019	100.0	3,893	100.0	5,899	100.0	+ 3,880	+ 192.2

Source: American Medical Association (2012, 2002, 1992).

Notes: The shaded lines highlight medical specialties in Nevada that have experienced *negative* change from 1990 to 2010.

Table 3.3: Allopathic Physicians (MDs) per 100,000 Population by Self-Designated Specialty in Nevada – 1990 to 2010

Major Specialty	Total MDs per 100,000 Population			Change – 1990 to 2010	
	1990	2000	2010	Number	Percent
<i>General and Family Practice</i>	22.7	21.6	22.0	- 0.8	- 3.3
Family Medicine	14.6	17.6	20.2	+ 5.6	+ 38.1
General Practice	8.1	4.0	1.8	- 6.3	- 78.1
<i>Medical Specialties</i>	44.2	56.9	65.7	+ 21.5	+ 48.6
Allergy and Immunology	0.9	1.0	0.7	- 0.2	- 26.9
Cardiovascular Disease	5.6	6.2	5.3	- 0.2	- 3.9
Dermatology	1.9	2.5	1.9	+ 0.1	+ 3.6
Gastroenterology	1.5	2.4	2.7	+ 1.2	+ 81.2
Internal Medicine	24.7	31.3	38.4	+ 13.6	+ 55.2
Pediatric Cardiology	0.3	0.4	0.5	+ 0.2	+ 53.2
Pediatrics	7.6	11.5	14.2	+ 6.7	+ 87.7
Pulmonary Disease	1.7	1.9	1.9	+ 0.2	+ 11.2
<i>Surgical Specialties</i>	41.5	39.9	36.5	- 5.0	- 12.2
Colon and Rectal Surgery	0.2	0.2	0.2	+ 0.0	+ 7.3
General Surgery	10.7	8.4	8.1	- 2.6	- 24.6
Neurological Surgery	2.2	1.2	1.1	- 1.1	- 50.2
Obstetrics and Gynecology	11.1	12.1	10.5	- 0.5	- 4.8
Ophthalmology	3.9	4.2	3.7	- 0.2	- 5.8
Orthopedic Surgery	5.7	5.4	5.5	- 0.3	- 4.7
Otolaryngology	2.4	2.4	1.7	- 0.7	- 27.9
Plastic Surgery	2.0	2.1	2.0	+ 0.0	+ 0.6
Thoracic Surgery	0.5	1.6	1.2	+ 0.7	+ 120.0
Urology Surgery	2.7	2.4	2.4	- 0.3	- 10.6
<i>Other Specialties</i>	42.9	46.5	53.1	+ 10.2	+ 23.8
Aerospace Medicine	0.3	0.1	0.1	- 0.2	- 66.5
Anatomic/Clinical Pathology	4.2	3.5	3.1	- 1.1	- 25.8
Anesthesiology	9.7	12.2	13.9	+ 4.2	+ 43.2
Child and Adolescent Psychology	0.5	0.8	1.2	+ 0.7	+ 120.0
Diagnostic Radiology	4.5	5.4	6.4	+ 1.9	+ 41.2
Emergency Medicine	6.4	6.5	9.5	+ 3.0	+ 46.6
Forensic Medicine	0.4	0.3	0.2	- 0.2	- 40.4
General Preventive Medicine	0.2	0.3	0.5	+ 0.3	+ 190.5

Table 3.3: Allopathic Physicians (MDs) per 100,000 Population by Self-Designated Specialty in Nevada – 1990 to 2010 (continued)

Major Specialty	Total MDs per 100,000 Population			Change – 1990 to 2010	
	1990	2000	2010	Number	Percent
<i>Other Specialties (continued)</i>					
Medical Genetics	0.0	0.1	0.1	+ 0.1	+ 100.0
Neurology	2.1	2.4	2.8	+ 0.8	+ 36.8
Nuclear Medicine	0.0	0.1	0.1	+ 0.1	+ 168.1
Occupational Medicine	1.2	0.7	0.5	- 0.7	- 61.7
Other Specialty	1.5	1.6	0.9	- 0.6	- 40.4
Physical Medicine and Rehabilitation	0.8	1.9	2.4	+ 1.5	+ 181.5
Psychiatry	5.6	6.4	6.9	+ 1.3	+ 22.3
Public Health and General Preventive Medicine	0.5	0.4	0.2	- 0.3	- 55.3
Radiation Oncology	0.7	1.0	1.2	+ 0.5	+ 63.0
Radiology	2.4	2.2	2.4	+ 0.0	+ 0.2
Transplant Surgery	0.0	0.0	0.0	+ 0.0	+ 3.8
Unspecified	1.7	1.1	0.7	- 1.0	- 57.5
Not Classified	3.5	9.3	11.2	+ 7.7	+ 223.7
Inactive	15.3	20.7	33.7	+ 18.4	+ 120.0
Total MDs	170.2	194.8	222.2	+ 52.0	+ 30.6

Source: American Medical Association (2012, 2002, 1992).

Notes: All figures have been rounded to the first decimal point. In some instances, "0.0" is actually a positive or negative number. The shaded lines highlight medical specialties in Nevada that have experienced *negative* per capita change from 1990 to 2010.

Table 3.4: Allopathic Physicians (MDs) per 100,000 Population by Self-Designated Specialty in Nevada, Mountain Region, and the US – 2010

Major Specialty	Total MDs per 100,000 Population			Nevada per Capita Number as a Percent of –	
	Nevada	Mountain Region	United States	Mountain Region	United States
<i>General and Family Practice</i>	22.0	31.5	31.1	69.7	70.5
Family Medicine	20.2	29.8	28.4	67.8	71.2
General Practice	1.8	1.7	2.8	102.4	63.7
<i>Medical Specialties</i>					
<i>Medical Specialties</i>	65.7	70.3	97.9	93.5	67.1
Allergy and Immunology	0.7	1.0	1.4	66.3	48.6
Cardiovascular Disease	5.3	4.9	7.4	109.1	72.2
Dermatology	1.9	3.0	3.7	64.5	52.5
Gastroenterology	2.7	3.2	4.3	86.5	64.3
Internal Medicine	38.4	36.4	52.2	105.5	73.5
Pediatric Cardiology	0.5	0.5	0.7	88.0	66.5
Pediatrics	14.2	18.2	24.7	78.2	57.6
Pulmonary Disease	1.9	3.1	3.6	62.2	53.4
<i>Surgical Specialties</i>					
<i>Surgical Specialties</i>	36.5	43.7	53.0	83.4	68.7
Colon and Rectal Surgery	0.2	0.3	0.5	77.8	46.8
General Surgery	8.1	9.8	12.0	82.7	67.5
Neurological Surgery	1.1	1.6	1.9	66.2	58.4
Obstetrics and Gynecology	10.5	11.5	13.8	91.8	76.2
Ophthalmology	3.7	4.4	6.0	83.3	61.2
Orthopedic Surgery	5.5	7.5	8.2	72.8	66.9
Otolaryngology	1.7	2.6	3.3	67.8	51.9
Plastic Surgery	2.0	2.0	2.4	100.9	84.7
Thoracic Surgery	1.2	1.2	1.5	104.6	80.9
Urology Surgery	2.4	2.9	3.5	84.6	69.6
<i>Other Specialties</i>					
<i>Other Specialties</i>	53.1	62.9	75.1	84.5	70.8
Aerospace Medicine	0.1	0.2	0.1	55.0	84.6
Anatomic/Clinical Pathology	3.1	4.5	6.2	70.0	50.8
Anesthesiology	13.9	13.4	14.0	104.2	99.3
Child and Adolescent Psychology	1.2	1.9	2.4	62.2	50.1
Diagnostic Radiology	6.4	7.0	8.4	90.9	75.5
Emergency Medicine	9.5	11.5	10.8	82.2	87.8
Forensic Medicine	0.2	0.2	0.2	123.4	104.2
General Preventive Medicine	0.5	0.6	0.7	76.6	67.9

Table 3.4: Allopathic Physicians (MDs) per 100,000 Population by Self-Designated Specialty in Nevada, Mountain Region, and the US – 2010 (continued)

Major Specialty	Total MDs per 100,000 Population			Nevada per Capita Number as a Percent of –	
	Nevada	Mountain Region	United States	Mountain Region	United States
<i>Other Specialties (continued)</i>					
Medical Genetics	0.1	0.2	0.2	72.3	58.5
Neurology	2.8	3.8	5.1	73.6	55.1
Nuclear Medicine	0.1	0.2	0.5	52.7	24.0
Occupational Medicine	0.5	0.8	0.8	54.7	57.6
Other Specialty	0.9	1.5	1.8	61.7	51.0
Physical Med and Rehabilitation	2.4	2.4	2.9	99.6	81.1
Psychiatry	6.9	9.0	12.9	75.8	53.3
Public Health and General Preventative Medicine	0.2	0.3	0.4	68.3	54.4
Radiation Oncology	1.2	1.2	1.5	99.4	76.8
Radiology	2.4	2.7	3.0	89.1	80.6
Transplant Surgery	0.0	0.0	0.1	140.5	60.9
Unspecified	0.7	1.3	3.1	53.0	23.4
Not Classified	11.2	12.6	20.8	91.1	53.9
Inactive	33.9	40.4	40.7	86.3	83.2
Total MDs	223.2	267.1	318.8	85.9	70.0

Source: American Medical Association (2012).

Notes: All figures have been rounded to the first decimal point. In some instances, “0.0” is actually a positive or negative number. The shaded lines highlight medical specialties whose number per capita in Nevada is less than 100 percent of regional and/or national per capita numbers.

Tables 3.5 through 3.9 document similar trends in the number of licensed health professionals and per capita number of licensed health professionals in the fields of nursing, oral health, mental and behavioral health, pharmacy, and allied health in Nevada over the past decade. In addition to highlighting the “treading water” phenomenon of strong growth in the number of licensees being offset by modest per capita gains, these tables reveal that some health professions have actually witnessed a net decline in the number of licensees per 100,000 population, including per capita drops in the number of licensed practical nurses, dental hygienists, and podiatrists. The shaded lines indicate occupations whose number of licensees and/or licensees per 100,000 population have declined over the past decade.

Table 3.5: Health Workforce Supply in Nevada – Nursing Professions

Licensed Health Professionals	2002	2004	2006	2008	2010	2012	Change
Number							
Registered Nurses (RNs)	13,074	13,972	16,067	17,456	19,025	20,214	+ 7,140
Licensed Practical Nurses (LPNs)	2,445	2,511	2,690	2,792	2,796	2,857	+ 412
Registered Nurse Anesthetists (CRNAs)	47	59	73	71	75	75	+ 28
RNs with EMS Certification	115	133	116	128	136	147	+ 32
Certified Nursing Assistants (CNAs)	4,839	5,646	5,855	6,065	6,875	7,223	+ 2,384
Number per 100,000 Population							
Registered Nurses (RNs)	592.7	579.6	612.5	637.4	704.5	734.9	+ 142.3
Licensed Practical Nurses (LPNs)	110.8	104.2	102.6	101.9	103.5	103.9	- 7.0
Registered Nurse Anesthetists (CRNAs)	2.1	2.4	2.8	2.6	2.8	2.7	+ 0.6
RNs with EMS Certification	5.2	5.5	4.4	4.7	5.0	5.3	+ 0.1
Certified Nursing Assistants (CNAs)	219.4	234.2	223.2	221.5	254.6	262.6	+ 43.3

Source: Nevada State Board of Nursing (2002, 2004, 2006, 2008, 2010, 2012), Nevada State Demographer’s Office (2002, 2004, 2006, 2008, 2010, 2012).

Notes: The shaded line indicates an occupation whose number of licensees per 100,000 population have declined over the past decade.

Table 3.6: Health Workforce Supply in Nevada – Oral Health Professions

Licensed Health Professionals	2002	2004	2006	2008	2010	2012	Change
Number							
Dentists	-	1,091	1,247	1,433	1,347	1,500	+ 409
Registered Dental Hygienists (RDHs)	-	991	971	992	944	1,022	+ 31
Number per 100,000 Population							
Dentists	-	45.3	47.5	52.3	49.9	54.5	+ 9.3
Registered Dental Hygienists (RDHs)	-	41.1	37.0	36.2	35.0	37.2	- 4.0

Source: Nevada State Board of Dental Examiners (2004, 2006, 2008, 2010, 2012). Nevada State Demographer’s Office (2004, 2006, 2008, 2010, 2012).

Notes: The shaded line indicates an occupation whose number of licensees per 100,000 population have declined over the past decade.

Table 3.7: Health Workforce Supply in Nevada – Mental and Behavioral Health Professions

Licensed Health Professionals	2002	2004	2006	2008	2010	2012	Change
Number							
Alcohol, Drug, and Gambling Counselors	-	-	-	1,233	1,306	1,260	+ 27
Clinical Professional Counselors	-	-	-	-	28	47	+ 19
Licensed Clinical Social Workers (LSCWs)	-	-	-	543	537	596	+ 53
Marriage and Family Therapists	-	-	-	-	635	669	+ 34
Psychiatrists	-	-	152	169	138	195	+43
Psychologists	-	-	-	311	334	368	+ 57
Number per 100,000 Population							
Alcohol, Drug, and Gambling Counselors	-	-	-	45.0	48.4	45.8	+ 0.8
Clinical Professional Counselors	-	-	-	-	1.0	1.7	+ 0.7
Licensed Clinical Social Workers (LSCWs)	-	-	-	19.8	19.9	21.7	+ 1.8
Marriage and Family Therapists	-	-	-	-	23.5	24.3	+ 0.8
Psychiatrists	-	-	5.8	6.0	5.2	7.1	+1.3
Psychologists	-	-	-	11.4	12.4	13.4	+ 2.0

Source: Nevada State Board of Psychological Examiners (2008, 2010, 2012), State of Nevada Board of Examiners for Marriage & Family Therapists and Clinical Professional Counselors (2010, 2012), State of Nevada Board of Examiners for Social Workers (2008, 2010, 2012), Nevada State Board of Examiners for Alcohol, Drug, and Gambling Counselors (2008, 2012), Nevada State Demographer's Office (2008, 2010, 2012).

Table 3.8: Health Workforce Supply in Nevada – Pharmacy Professions

Licensed Health Professionals	2002	2004	2006	2008	2010	2012	Change
Number							
Pharmacists	-	1,530	1,933	2,044	2,155	2,163	+ 633
Pharmacy Technicians	-	2,695	2,930	3,828	4,725	5,288	+ 2,593
Number per 100,000 Population							
Pharmacists	-	63.5	73.7	74.6	79.8	78.6	+ 15.2
Pharmacy Technicians	-	111.8	111.7	139.8	175.0	192.3	+ 80.5

Source: Nevada State Board of Pharmacy (2004, 2006, 2008, 2010, 2012). Nevada State Demographer's Office (2004, 2006, 2008, 2010, 2012).

Table 3.9: Health Workforce Supply in Nevada – Other Licensed Allied Health Professions

Licensed Health Professionals	2002	2004	2006	2008	2010	2012	Change
Number							
Audiologists	-	-	-	61	76	78	+ 17
Chiropractors	-	515	550	566	599	596	+ 81
Dispensing Opticians	-	195	214	222	267	276	+ 81
Dispensing Optician Apprentices	-	132	147	154	126	135	+ 3
EMS – First Responders	-	-	903	699	672	601	- 302
EMS – Basic Emergency Medical Technicians	-	-	2,647	2,199	2,029	1,865	- 782
EMS – Intermediate EMTs	-	1,885	2,487	2,316	2,396	2,431	+ 546
EMS – Advanced EMTs (Paramedics)	-	951	1,139	1,298	1,458	1,528	+ 577
Medical Laboratory Technologists	-	-	2,028	2,229	2,006	2,277	+ 249
Medical Laboratory Technicians	-	-	252	242	187	236	- 16
Medical Laboratory Assistants	-	-	5,124	6,343	6,340	6,666	+ 1,542
Medical Laboratory Directors	-	-	147	224	218	240	+ 240
Occupational Therapists (OTs)	-	365	413	435	457	501	+ 136
Optometrists	-	241	266	307	340	349	+ 108
Physical Therapists (PTs)	-	714	1,035	1,110	995	1,014	+ 300
Physical Therapy Assistants (PTAs)	-	154	264	220	236	263	+ 109
Podiatrists	-	88	89	92	93	98	+ 10
Respiratory Therapists	-	719	855	897	1,090	1,258	+ 539
Speech Language Pathologists	-	-	240	515	573	607	+ 367
Number per 100,000 Population							
Audiologists	-	-	-	2.2	2.8	2.8	+ 0.6
Chiropractors	-	21.4	21.0	20.7	22.2	21.7	+ 0.3
Dispensing Opticians	-	8.1	8.2	8.1	9.9	10.0	+ 1.9
Dispensing Optician Apprentices	-	5.5	5.6	5.6	4.7	4.9	- 0.6
EMS – First Responders	-	-	34.4	25.5	24.9	21.9	- 12.6
EMS – Basic Emergency Medical Technicians	-	-	100.9	80.3	75.1	67.8	- 33.1
EMS – Intermediate EMTs	-	78.2	94.8	84.6	88.7	88.4	+ 10.2
EMS – Advanced EMTs (Paramedics)	-	39.4	43.4	47.4	54.0	55.6	+ 16.1
Medical Laboratory Technologists	-	-	77.3	81.4	74.3	82.8	+ 5.5
Medical Laboratory Technicians	-	-	9.6	8.8	6.9	8.6	- 1.0
Medical Laboratory Assistants	-	-	195.3	231.6	234.8	242.4	+ 47.0
Medical Laboratory Directors	-	-	5.6	8.2	8.1	8.7	+ 3.1
Occupational Therapists (OTs)	-	15.1	15.7	15.9	16.9	18.2	+ 3.1
Optometrists	-	10.0	10.1	11.2	12.6	12.7	+ 2.7
Physical Therapists (PTs)	-	29.6	39.5	40.5	36.8	36.9	+ 7.2
Physical Therapy Assistants (PTAs)	-	6.4	10.1	8.0	8.7	9.6	+ 3.2
Podiatrists	-	3.7	3.4	3.4	3.4	3.6	- 0.1
Respiratory Therapists	-	29.8	32.6	32.8	40.4	45.7	+ 15.9
Speech Language Pathologists	-	-	9.1	18.8	21.2	22.1	+ 12.9

Source: Nevada Board of Examiners for Audiology and Speech Pathology (2008, 2010,2012), Chiropractic Physicians’ Board of Nevada (2004, 2006, 2008, 2010, 2012), Nevada Department of Health and Human Services, Nevada State Health Division (2004, 2006, 2008, 2010, 2012), Emergency Medical Services & Trauma System, Southern Nevada Health District (2004, 2006, 2008, 2010, 2012), Nevada Board of Dispensing Opticians (2004, 2006, 2008, 2010, 2012), Nevada State Board of Optometry (2004, 2006, 2008, 2010, 2012), Nevada State Board of Podiatry (2004, 2006, 2008, 2010, 2012), Nevada State Board of Medical Examiners (2004, 2006, 2008, 2010, 2012), Nevada Board of Examiners for Audiology and Speech Pathology (2006, 2008, 2010, 2012). Bureau of Health Care Quality & Compliance, Nevada State Health Division (2006, 2008, 2010, 2012), Nevada State Board of Physical Therapy (2004, 2006, 2008, 2010, 2012), Nevada State Demographer’s Office (2004, 2006, 2008, 2010, 2012).

Notes: The shaded lines indicate an occupation whose number of and/or licensees per 100,000 population have declined over the past decade.

State Health Workforce Rankings

Table 3.10 provides the most current comparative data on health workforce supply in Nevada versus the United States per capita state-level licensure data from a variety of national sources. This table also provides Nevada's current ranking among U.S. states for 20 health care occupations and a number of medical specialties.

Despite recent improvement in the number of licensed health professionals, Nevada's health workforce rankings have not changed appreciably over the past two decades. Noteworthy rankings include the number of physicians per capita (Nevada is ranked 45th among U.S. states), primary care physicians (46th), registered nurses (50th), psychiatrists (50th), psychologists (47th), and optometrists (49th). Equally troubling, Nevada ranks 41st in physicians in medical specialties and 51st in physicians in surgical specialties, including general surgery (51st) and orthopedic surgery (51st). Exceptions to these trends include dentists (Nevada's rank is 31st among US states), physicians in internal medicine (37th) and anesthesiology (21st), pharmacists (34th), physician assistants in clinical practice (37th), and clinical nurse specialists (26th).

One of the most striking features of Table 3.10 is the fact that all but one of the health professions listed possesses a per capita number lower than the national average or number of professionals per 100,000 population. While these figures beg the larger question of what is the appropriate or desired number of health professionals in Nevada, it is abundantly clear that Nevada's health workforce supply falls well short of national averages for most of the key professions needed to ensure access to basic primary, preventive, and specialty services. These deficits will be compounded by an aging health care workforce and new demands for medical services generated by demographic and insurance-coverage trends described elsewhere in this report.

Table 3.10: State Health Workforce Rankings

Licensed Health Professionals	Number per 100,000 Population		NV Rank Among US States
	Nevada	US	
Medicine and Primary Care			
Physicians	198	259	45
Patient Care Physicians (MDs & DOs)	178	220	44
Primary Care Physicians (MDs & DOs)	71	91	46
Patient Care Primary Care Physicians (MDs & DOs)	64	79	46
Residents and Fellows in ACGME-Accredited Program	11	36	46
Residents and Fellows in ACGME-Accredited Primary Care Programs	7	13	46
Physicians in Medical Specialties	66	97	41
Physicians in Surgical Specialties	37	53	51
Physicians in Anesthesiology	14	14	21
Physicians in General Surgery	8	12	51
Physicians in General/Family Practice	22	30	46
Physicians in Internal Medicine	39	52	37
Physicians in Obstetrics and Gynecology	22	27	40
Physicians in Ophthalmology	4	6	48
Physicians in Orthopedic Surgery	5	8	51
Physicians in Pediatrics	55	100	46
Physicians in Plastic Surgery	2	6	27
Physician Assistants (PAs) in Clinical Practice	20	24	37
Nursing			
Registered Nurses (RNs)	609	842	50
Nurse Practitioners	21	37	41
Clinical Nurse Specialists	3	4	26
Certified Nurse Midwives	1	3	44
Certified Nurse Anesthetists (CRNAs)	2	11	51
Licensed Practical Nurses (LPNs)	82	237	49
Oral Health			
Dentists	52	61	31
Registered Dental Hygienists (RDHs)	41	48	40
Mental Health			
Physicians (MDs) in Psychiatry	7	13	50
Psychologists	13	29	47
Allied Health			
Audiologists	3	4	42
Chiropractors	24	29	36
Emergency Medical Technicians (EMTs) and Paramedics	45	71	45
Optometrists	5	9	49
Pharmacists	86	87	34
Physical Therapists	48	57	41
Podiatrists	2	3	29
Speech-Language Pathologists	21	32	40

Source: American Medical Association (2012), O'Leary Morgan and Morgan (2012), National Center for the Analysis of Healthcare Data (2012).

Notes: All physician data is for allopathic physicians unless otherwise noted. All data is for 2009 unless otherwise noted.

Health Workforce Supply in Rural and Urban Regions of Nevada - 2012

Tables 3.11 and 3.12 highlight significant differences in the geographic distribution of health professionals in Nevada and thus point to the magnitude and scope of health workforce shortages across regions of the state. Urban counties include Carson City and Clark and Washoe Counties. Rural counties refer to the remaining fourteen counties in Nevada. In some respects, we should expect densely populated urban areas of the state to possess higher per capita levels of licensed health professionals – particularly medical and surgical specialists – than sparsely populated and isolated rural and frontier regions of the state. Nonetheless, in a state already characterized by health workforce deficits vis-à-vis other states in the region and nation, severe shortages of primary care and basic ancillary health professionals exist across many regions of the state.

Table 3.11 highlights important differences between the state’s three urban counties and fourteen rural and frontier counties in terms of the current number of licensed health professionals per 100,000 population. Shaded cells indicate the region of the state with the lowest per capita number of health professionals. With few exceptions, the per capita number of licensed health care workers is significantly lower in rural versus urban counties, including medicine and primary care, registered and licensed practical nursing, dentists and hygienists, pharmacy, and most licensed mental health and allied health professions. Rural and frontier counties possess a much smaller number of allopathic and osteopathic physicians and non-physician primary care providers per capita – deficits affecting the clinical capacity of rural safety net providers already at a competitive disadvantage versus urban facilities in terms of their ability to recruit and retain health professionals.

Health Professional Shortage Areas in Nevada – 2012

Managed by the Bureau of Health Professions within the federal Health Resources and Services Administration (HRSA), Health Professional Shortage Area (HPSA) designations are used to identify geographic areas and populations within those areas who are not adequately served by available health care resources. Moreover, HPSAs are used to identify populations and facilities who are eligible for federal grant funding and other types of aid designed to improve access in health care services in medically underserved areas of the country. There are three major types of HPSA designations: primary medical care HPSAs, dental HPSAs, and mental HPSAs. HPSA designations are primarily determined by population-to-provider ratios and secondarily by the population health status and socioeconomic conditions in a given area or region.

As such, HPSA designations provide critical information on areas of Nevada currently experiencing shortages of primary care physicians (general practice, family practice, general internal medicine, pediatrics, and obstetrics/gynecology), dentists, and mental health workers (psychiatrists, clinical psychologists, clinical social workers, psychiatric nurse specialists) and thus information on the scope and magnitude of the state’s population affected by shortages of key health care workers.

Table 3.11: Health Workforce Supply in Rural and Urban Regions of Nevada – 2012

Licensed Health Professionals	Number per 100,000 Population		
	Rural Counties	Urban Counties	Nevada
Medicine and Primary Care			
Allopathic Physicians (MDs)	76.7	182.1	171.3
Osteopathic Physicians (DOs)	13.5	20.1	19.5
Advanced Practitioners of Nursing (APNs)	17.4	25.3	24.5
Primary Care Physicians (MDs and DOs)	45.0	51.0	50.3
Physician Assistants (PAs)	15.3	19.2	18.8
Nursing			
Registered Nurses (RNs)	505.4	761.1	734.9
Licensed Practical Nurses (LPNs)	79.2	106.7	103.9
Registered Nurse Anesthetists (CRNAs)	5.0	2.5	2.7
RNs with EMS Certification	11.0	4.7	5.3
Certified Nursing Assistants (CNAs)	344.7	253.2	262.6
Oral Health			
Dentists	35.2	56.7	54.5
Registered Dental Hygienists (RDHs)	34.9	37.4	37.2
Mental Health			
Alcohol, Drug, and Gambling Counselors	63.6	43.8	45.8
Clinical Professional Counselors	2.8	1.6	1.7
Licensed Clinical Social Workers (LSCWs)	14.9	22.4	21.7
Marriage and Family Therapists	17.4	25.1	24.3
Psychiatrists	0.7	7.8	7.1
Psychologists	6.4	14.1	13.4
Pharmacy			
Pharmacists	36.9	83.4	78.6
Pharmacy Technicians	143.8	197.8	192.3
Allied Health			
Audiologists	0.7	3.1	2.8
Chiropractors	13.9	22.6	21.7
Dispensing Opticians	7.5	10.3	10.0
Dispensing Optician Apprentices	2.8	5.1	4.9
EMS – First Responders	155.9	6.6	21.9
EMS – Basic Emergency Medical Technicians	228.4	49.5	67.8
EMS – Intermediate EMTs	168.3	79.3	88.4
EMS – Advanced EMTs (Paramedics)	56.5	55.4	55.6
Medical Laboratory Technologists	58.6	85.5	82.8
Medical Laboratory Technicians	4.6	9.0	8.6
Medical Laboratory Assistants	238.3	242.8	242.4
Medical Laboratory Directors	4.3	9.2	8.7
Occupational Therapists (OTs)	10.3	19.1	18.2
Optometrists	13.1	12.6	12.7
Physical Therapists (PTs)	31.3	37.5	36.9
Physical Therapy Assistants (PTAs)	4.3	10.2	9.6
Podiatrists	2.5	3.7	3.6
Respiratory Therapists (RTs)	24.2	48.2	45.7
Speech Language Pathologists	14.9	22.9	22.1

Sources: See Tables 3.1 and 3.5 through 3.9 for a complete list of citations for the professions and data contained in this table. Shaded cells highlight the region in Nevada with the lower per capita number of health professions in a given field. Urban counties include Carson City and Clark and Washoe Counties. Rural counties refer to the remaining fourteen counties in Nevada.

Table 3.12: Population Residing in Health Professional Shortage Areas in Nevada – 2013

County / Region	Health Professional Shortage Areas						County Population
	Primary Medical Care		Dental		Mental		
	Number	Percent of Population	Number	Percent of Population	Number	Percent of Population	
Rural and Frontier							
Churchill County	9,152	36.8	9,152	36.8	24,877	100.0	24,877
Douglas County	4,672	9.9	0	0.0	46,997	100.0	46,997
Elko County	26,695	54.7	9,478	19.4	48,818	100.0	48,818
Esmeralda County	783	100.0	783	100.0	783	100.0	783
Eureka County	1,987	100.0	1,987	100.0	1,987	100.0	1,987
Humboldt County	16,528	100.0	0	0.0	16,528	100.0	16,528
Lander County	5,775	100.0	5,775	100.0	5,775	100.0	5,775
Lincoln County	5,345	100.0	5,345	100.0	5,345	100.0	5,345
Lyon County	51,980	100.0	51,980	100.0	51,982	100.0	51,980
Mineral County	4,772	100.0	4,772	100.0	4,772	100.0	4,772
Nye County	43,946	100.0	43,946	100.0	43,946	100.0	43,946
Pershing County	6,753	100.0	6,753	100.0	6,753	100.0	6,753
Storey County	4,010	100.0	4,010	100.0	4,010	100.0	4,010
White Pine County	0	0.0	10,030	100.0	10,030	100.0	10,030
<i>Region Subtotal</i>	<i>182,398</i>	<i>66.9</i>	<i>154,011</i>	<i>56.5</i>	<i>272,601</i>	<i>100.0</i>	<i>272,601</i>
Urban							
Carson City	40,572	73.4	0	0.0	55,274	100.0	55,274
Clark County	630,638	31.5	680,884	34.0	111,692	5.6	2,001,023
Washoe County	139,014	32.2	142,137	32.9	431,437	100.0	431,437
<i>Region Subtotal</i>	<i>810,224</i>	<i>32.6</i>	<i>823,021</i>	<i>33.1</i>	<i>598,403</i>	<i>24.1</i>	<i>2,487,734</i>
Nevada – Total	992,622	36.0	977,032	35.4	871,004	31.6	2,761,335

Source: Health Services and Resource Administration (2012), U.S. Census Bureau (2010).

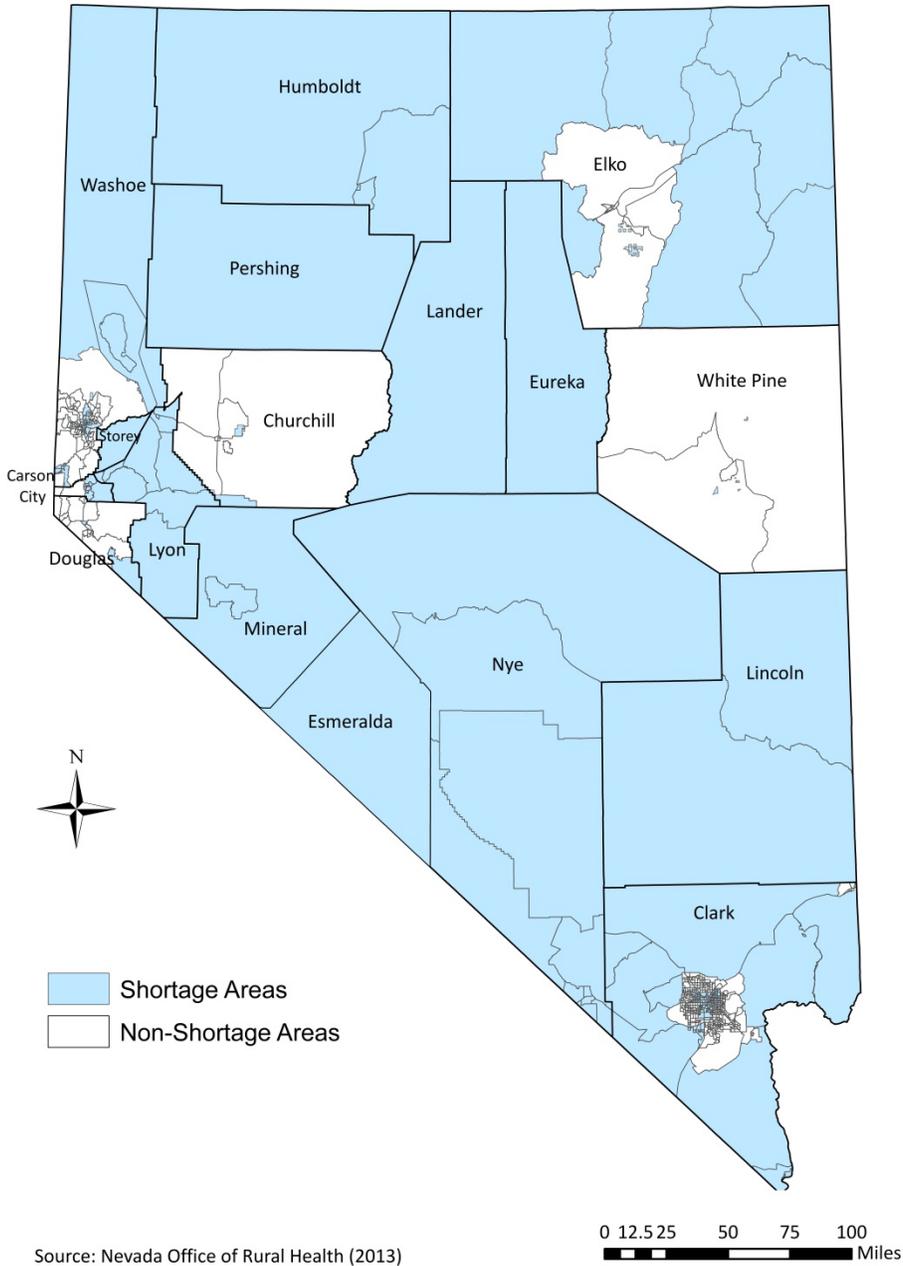
Note: HPSA are current designations as of March 1, 2013 and population counts are from the 2010 census.

Table 3.12 provides a summary of the estimated population in Nevada who reside in Health Professional Shortage Areas (HPSAs) by county of residence and type of HPSA. Currently, 36.0 percent of the state or an estimated 992,622 Nevadans live in a primary care HPSA. Over two-thirds of the state's rural and frontier population live in primary care HPSAs as compared to just under one-third of the state's 2.5 million urban residents. The current geographic distribution of primary care HPSAs are highlighted in maps 3.1 through 3.3 for the entire state of Nevada, as well as urban census tracts in Clark County and those of northern Nevada. These maps highlight the extent of primary care shortages across most regions of the state, the absence of shortage designations in suburban census tracts of Clark County and urban regions of northern Nevada, and the presence of primary care shortage areas in the urban core of both Clark and Washoe Counties.

In 2012, an estimated 154,011 rural residents and 823,021 urban residents in Nevada lived in a dental HPSA. While dental workforce shortages are less severe than primary care and mental health workforce shortages, over one-third of the state's population (35.4%) continue to reside in dental health shortage areas and 10 out of 14 of the state's rural and frontier counties are entire-county dental HPSAs. The current geographic distribution of dental HPSAs are highlighted in maps 3.4 through 3.6 for the entire state of Nevada, as well as urban census tracts in Clark County and those of northern Nevada. These maps highlight the comparatively less severe, yet extensive regions of the state designated as dental HPSAs, the absence of dental shortage designations in suburban census tracts of Clark County and urban regions of northern Nevada as was the case with primary care HPSAs, and the presence of dental shortage areas in the urban core or central census tracts of both Clark and Washoe Counties.

Finally, Table 3.12 highlights the scope and severity of the state's mental health workforce shortages. Currently, the entire population in 16 of the 17 counties in Nevada resides in a mental HPSA, including all rural and frontier regions of the state and both urban counties of northern Nevada. The current geographic distribution of mental HPSAs are highlighted in stark detail in maps 3.7 through 3.9 for the entire state of Nevada, as well as urban census tracts in Clark County and northern Nevada. It is anticipated that the remainder of Clark County will be designated by the federal government as a mental HPSA by the end of 2013, thus resulting in the entire state of Nevada being designated as a mental HPSA. By the end of the calendar year, an estimated 2.8 million Nevadans will reside in a mental health shortage area.

Map 3.1: Primary Medical Care Health Professional Shortage Areas in Nevada



Map 3.2: Primary Medical Care Health Professional Shortage Areas in Metropolitan Clark County



Source: Nevada Office of Rural Health (2013)

0 1.5 3 6 9 12 Miles

Map 3.3: Primary Medical Care Health Professional Shortage Areas in Metropolitan Northern Nevada



Source: Nevada Office of Rural Health (2013)

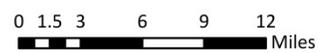
Map 3.4: Dental Health Professional Shortage Areas in Nevada



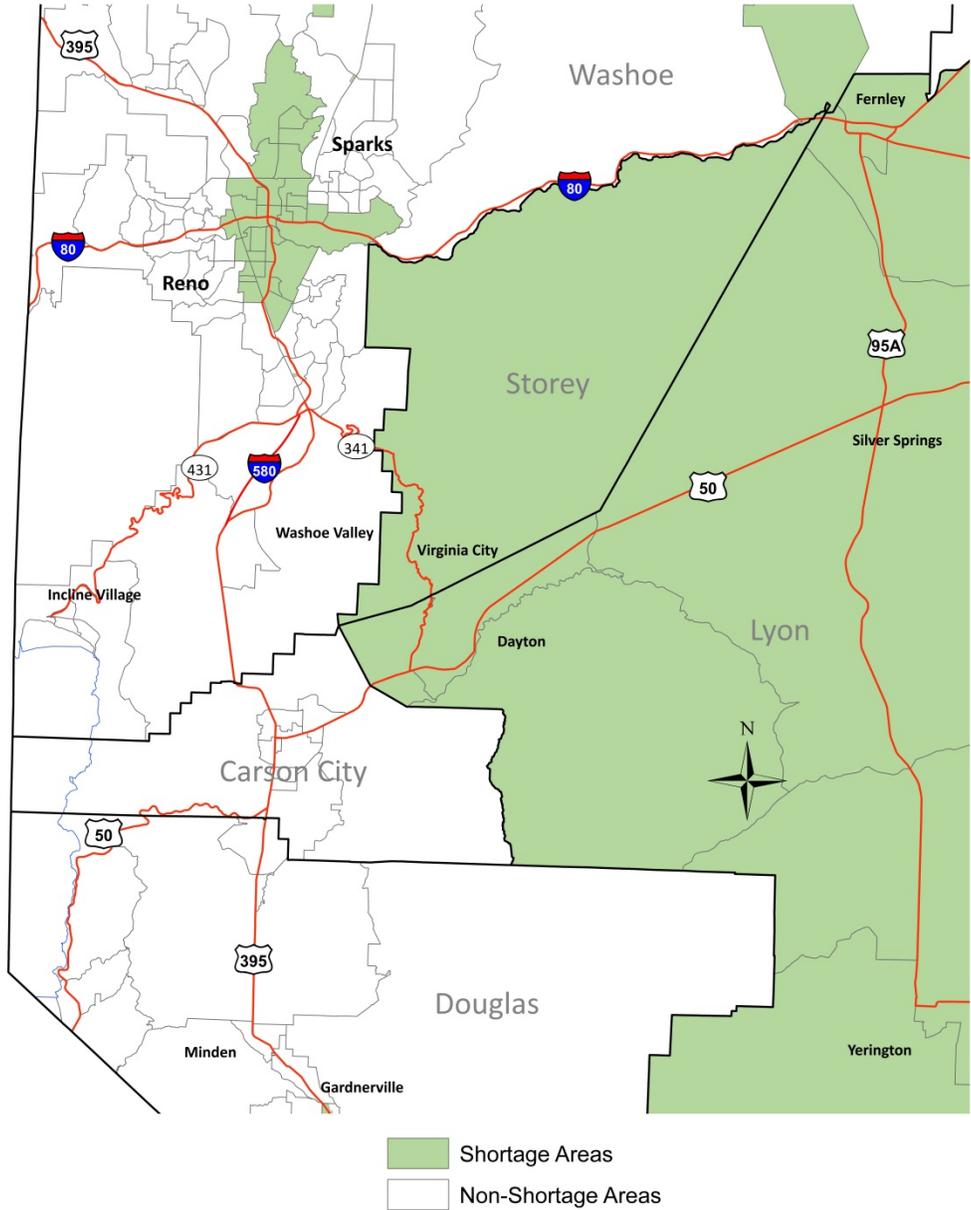
**Map 3.5: Dental Health Professional Shortage Areas
in Metropolitan Clark County**



Source: Nevada Office of Rural Health (2013)



**Map 3.6: Dental Health Professional Shortage Areas
in Metropolitan Northern Nevada**

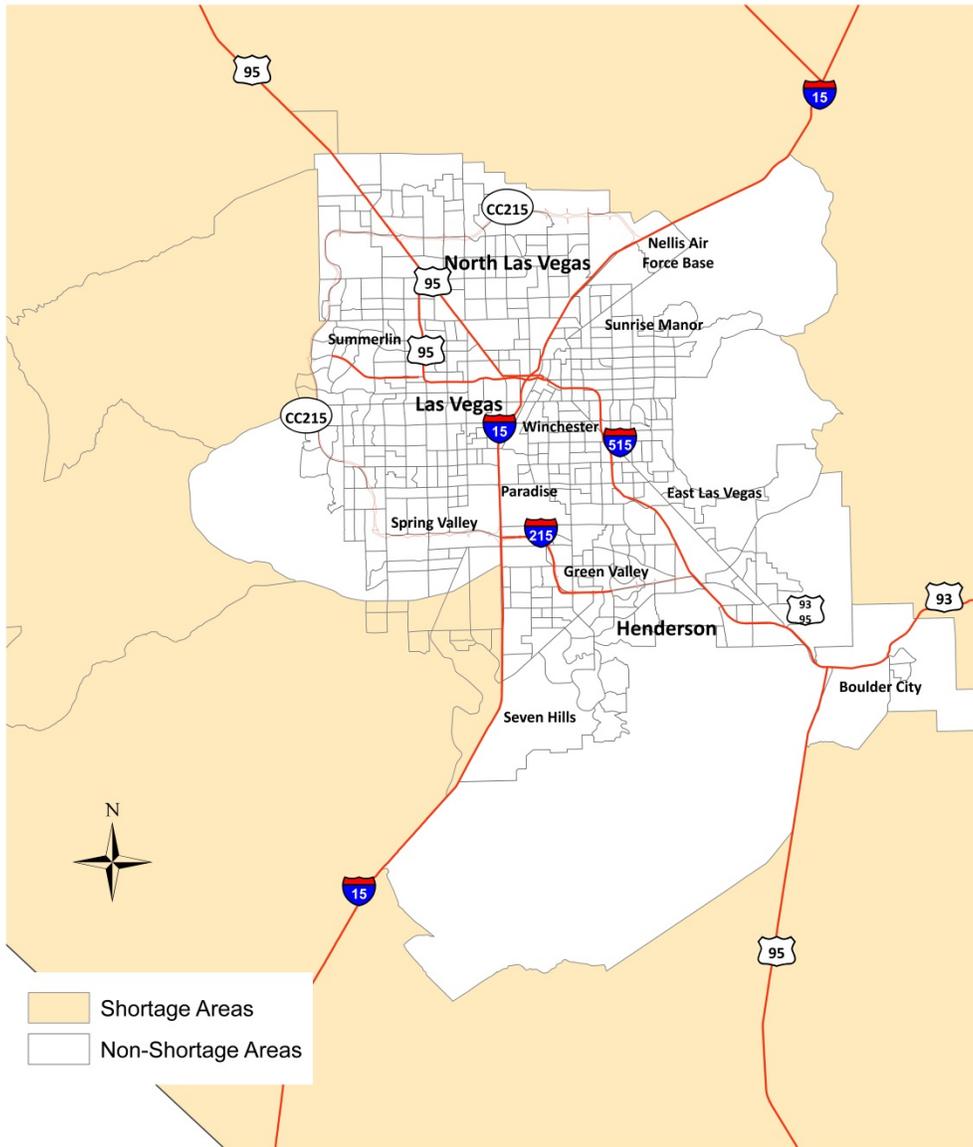


Source: Nevada Office of Rural Health (2013)

Map 3.7: Mental Health Professional Shortage Areas in Nevada



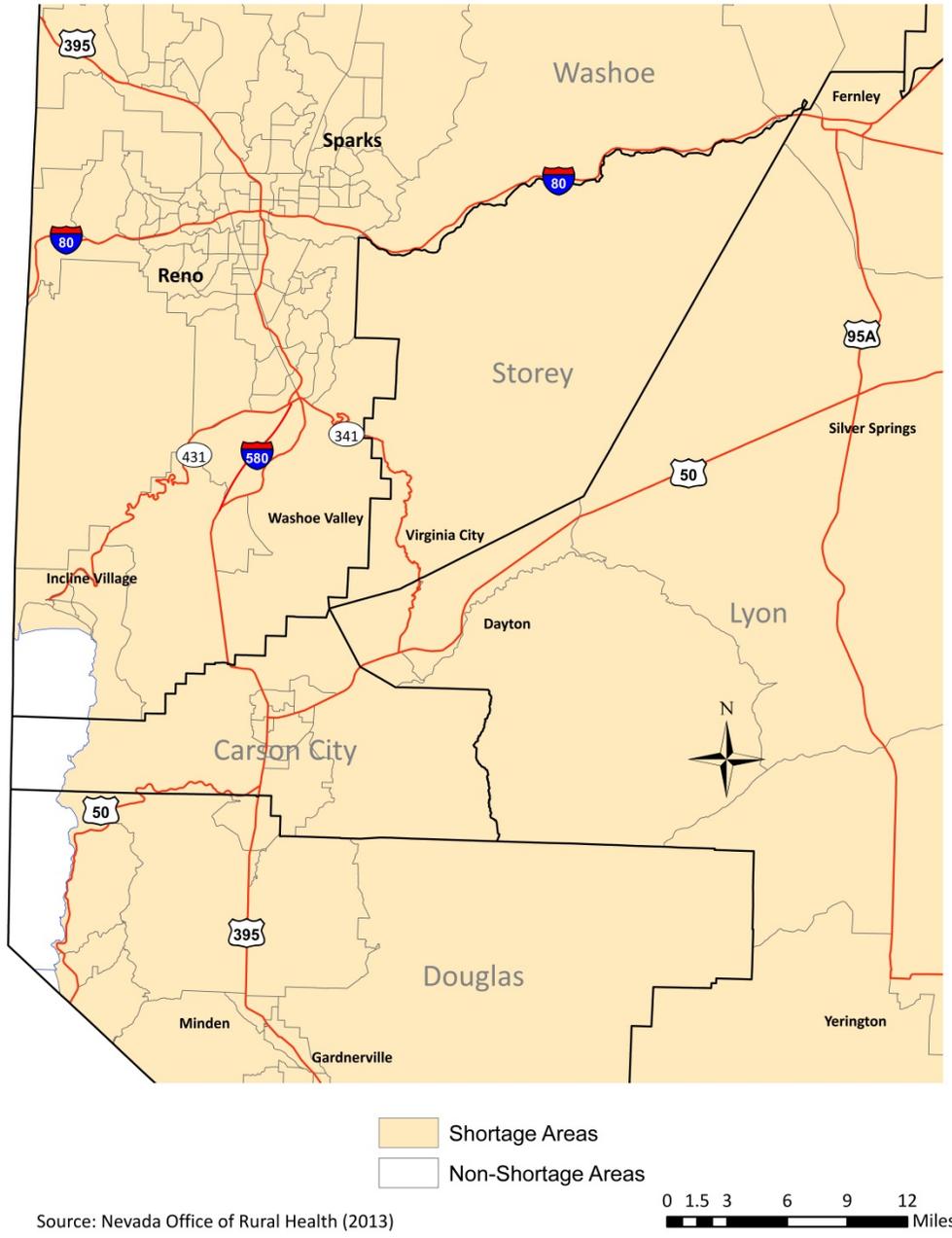
**Map 3.8: Mental Health Professional Shortage Areas
in Metropolitan Clark County**



Source: Nevada Office of Rural Health (2013)

0 1.5 3 6 9 12 Miles

**Map 3.9: Mental Health Professional Shortage Areas
in Metropolitan Northern Nevada**



Higher Education Health Care Program Graduates and Capacity in Nevada

A key determinant of health workforce supply in Nevada is the capacity of public and private higher education institutions in the state to produce graduates for specific health care occupations who are prepared for licensure in their respective fields. Table 3.13 provides a snapshot of public and private higher education health care program capacity in Nevada for a selected number of occupations in medicine and primary care, nursing, oral health, pharmacy, and allied health, utilizing completions data from the Integrated Postsecondary Data System (IPEDS) maintained by the National Center for Education Statistics.

Table 3.13: Higher Education Health Care Education Graduates and Capacity in Nevada – 2006 to 2012

Occupation / Degree Program	Program Completions						Change – 2006 to 2012	
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12	Number	Percent
Physicians								
Doctor's Programs – Allopathic (MD)	53	49	51	55	55	56	3	5.7
Doctor's Programs – Osteopathic (DO)	*	*	*	120	115	125	5	4.2
Grad Medical Education – Residents	56	51	68	61	66	63	7	12.5
Grad Medical Education – Fellowships	3	8	11	11	14	16	13	23.1
Physician Assistants								
Master's Programs	*	*	*	52	54	53	1	1.9
Registered Nurses								
Associate's Programs	250	234	257	334	424	318	68	27.2
Bachelor's Programs	326	400	386	463	437	527	201	61.7
Master's Programs	49	56	59	76	56	69	20	40.8
Doctor's Programs	*	2	1	12	7	28	26	1,300.0
Dentists								
Doctor's Programs	75	64	71	78	74	82	7	9.3
Dental Hygienists								
Associate's Programs	20	24	16	21	42	21	1	5.0
Bachelor's Programs	16	9	9	6	20	14	-2	-12.5
Pharmacists								
Doctor's Programs	123	123	133	130	129	143	20	16.2
Social Workers								
Bachelor's Programs	88	89	88	98	109	98	10	11.4
Master's Programs	76	97	88	89	91	77	1	1.3

Source: Integrated Postsecondary Data System (2012).

Notes: *Denotes years in which no programs existed in Nevada. In some instances, "Change – 2006 to 2012" is actually a shorter time span.

Table 3.13 illustrates a couple of general features of higher education capacity in Nevada. First, the output or number of completions for most health care occupations is modest with respect to any measure of recent or projected job demand. Second, change or growth in capacity in most programs has been modest over the past six year years. Even in those programs, such as nursing and pharmacy, that have substantially increased their respective number of completions over the past six years, it is unclear whether there is sufficient capacity to meet the anticipated growth in demand that will occur with an aging population and insurance coverage expansions that will take place in Nevada over the next decade. An inventory of completions over the past six academic years for every health care degree and certificate program in both public and private higher education institutions in Nevada is contained in Appendix 4.

Health Workforce in Nevada – 2013 Edition

Section 4 – Conclusions and Recommendations

Key Findings and Public Policy Considerations

The aim of *Health Workforce in Nevada* has been to assess the most current available data on health workforce supply and demand in Nevada. From this assessment, several key findings merit highlighting:

- Despite abundant unmet health care needs, growing numbers of retirees, and persistently high percentages of the state’s population without health insurance coverage, Nevada’s health workforce represents only 9.9 percent of the state’s civilian workforce. Nationally, 12 percent of employed persons currently work in health care industries.
- Current employment data from Nevada Department of Employment, Training, and Rehabilitation indicate that the health care sector led all industry sectors in Nevada in terms of total job growth with the addition of 30,355 jobs over the course of the past decade. Since 2002, the health care sector possessed one of the highest job growth rates at 40.2 percent, eclipsed only by business management services (+173.8%) and mining (+65.2%).
- Since 2007, Nevada employers have shed an estimated 187,994 jobs and total employment in all Nevada industries has declined by 14.4 percent. In contrast, health care employment grew by 10.0 percent and job growth has been consistent across all three health care industries. Ambulatory health care services have added an estimated 3,614 jobs, hospitals have grown by 2,744 jobs, and nursing homes and residential care facilities have added 1,679 jobs.
- Over the next decade, health care employment in Nevada is projected to increase by 16.3 percent and will exceed the growth rate of 11.6 percent for all industries in the state. While projected health care employment gains will be modest compared to pre-recession growth rates, Nevada health care employers will add an estimated 13,527 jobs by 2020. Growth is expected across all health care industries and segments within each industry, as well as all regions of the state, including hospitals, clinics, and practices in rural regions of the state.
- Eleven “high demand” health care occupations are ranked among the top 100 occupations in Nevada with the largest projected employment growth through 2020. Growing demand for health services will generate nearly 3,000 jobs for registered nurses and 1,500 jobs for home health aides by 2020.

- Of the top 35 health care occupations in terms projected annual job openings through 2020, 20 possess an average annual salary greater than average annual salary of \$41,497 for all occupations in Nevada and 22 require a post-secondary degree for licensure in the State of Nevada.
- Several health care occupations – most notably, primary and specialty-care physicians, pharmacists, dentists, and medical and clinical laboratory technologists and technicians – are projected to have modest employment growth through the end of the decade. However, the same occupations are characterized by a high number of annual job openings resulting from the replacement of health professionals due to retirement and the overall aging of the health workforce in Nevada.
- On the supply side, an examination of health professions licensure data in Nevada reveals that there has been substantial growth in the number of licensees for most health professions, yet modest growth in the per capita number of licensees for the majority of those professions. For example, from 2002 to 2012, the number of licensed allopathic physicians (MDs) grew by 1,166 or 32.9 percent. However, the number of licensed MDs only increased from 161 to 171 MDs per 100,000 population or 6.6 percent during the same period. In general, the supply of health professionals in Nevada has barely kept pace with population growth for the past decade.
- Current data from the American Medical Association on the physician workforce in Nevada indicate that the number of MDs per capita in Nevada is 86 percent of regional rates and 70 percent of U.S. rates. The same data indicate that the per capita number of MDs declined in 16 of 38 medical specialties, including 7 of 10 surgical specialties over the past twenty years. Thus, while the growth of licensed MDs in most specialty areas in Nevada grew steadily over the past two decades, those increases have not kept pace with population growth in a number of critical specialty areas, including Cardiovascular Disease, Obstetrics and Gynecology, and Orthopedic Surgery.
- Despite recent improvement in the number of licensed health professionals, Nevada’s health workforce rankings have not changed appreciably over the past two decades, including the number of physicians per capita (Nevada is ranked 45th among US states), primary care physicians (46th), registered nurses (50th), psychiatrists (50th), psychologists (47th), and optometrists (49th). Within medicine, Nevada ranks 41st in physicians per capita in medical specialties and 51st in physicians in surgical specialties per capita, including physicians in general surgery (51st) and orthopedic surgery (51st).
- Noteworthy exceptions to Nevada’s generally poor health workforce rankings include the number of dentists per capita (Nevada’s rank is 31st among US states), physicians in internal

medicine (37th) and anesthesiology (21st), pharmacists (34th), physician assistants in clinical practice (27th), and clinical nurse specialists (26th).

- Data on federally-designated Health Professional Shortages Areas (HPSAs) in Nevada indicate that 36.0 percent of the state's population or an estimated 992,622 Nevadans live in a primary care HPSA. Over two-thirds of the state's rural and frontier population live in primary care HPSAs as compared to just under one-third of the state's 2.5 million urban residents.
- In 2012, an estimated 154,011 rural residents and 823,021 urban residents in Nevada lived in dental HPSAs. While dental workforce shortages are less severe than primary care and mental health workforce shortages, over one-third of the state's population (35.4%) reside in dental health shortage areas and 10 of 14 of the state's rural and frontier counties are entire-county dental HPSAs.
- Data on mental HPSAs highlight the scope and severity of the state's mental health workforce shortages. Currently, the entire population of 16 of 17 Nevada counties resides in a mental health HPSA, including all rural and frontier regions of the state and both urban counties of northern Nevada. It is anticipated that the remainder of Clark County will be designated by the federal government as a mental HPSA by the end of 2013, thus resulting in the entire state of Nevada being designated as a mental HPSA. By the end of the calendar year, an estimated 2.8 million Nevadans will reside in a mental health shortage area.

In conclusion, current data on health workforce demand indicate that a recovering economy and aging population will generate steady demand for health services in Nevada and thus above-average growth in health care employment in the Silver State over the next decade. Current data on health workforce supply indicate that Nevada's health workforce falls well short of national averages for most of the key professions needed to ensure access to basic primary, preventive, and specialty services over the coming decade. Between now and the end of the decade, these deficits will be compounded by an aging health care workforce and new demands for health services generated by the 600,000 Nevadans projected to gain health insurance via national health reform.

Directions for Future Health Workforce Research and Planning in Nevada

Health workforce research and planning in Nevada remain in their infancy. Consequently, Nevada policymakers lack comprehensive data on supply and demand, not to mention reliable data needed to address the wide range of health workforce shortages facing the state. While this report sheds light on many of these shortcomings, greater attention must be focused on improving policymakers' understanding of the number and type of health care workers that will be needed for Nevada's growing, aging, and diversifying population. Persistently poor population health indicators and the anticipated demand associated with reform-related insurance coverage expansions only add urgency to the need for better data to inform health workforce planning and policy development in Nevada.

Two areas of need in current health workforce research and planning in Nevada warrant the immediate attention of state policymakers, health industry leaders, and educators:

1. Need for improved data and analysis on health workforce demand in Nevada.

Health workforce planning in Nevada would benefit from more advanced analysis and data on health workforce demand. The employment estimates and projections developed by Nevada Department of Employment, Training, and Rehabilitation presented in this report are an essential starting point in understanding of current and projected health workforce demand in Nevada. Nonetheless, there is a clear need for more accurate and timely data on regional and statewide demand for health care workers in specific occupations (e.g., advanced nurse practitioners, physician assistants), new and emerging health occupations (e.g., health information specialists, community health workers, patient navigators), and categories of occupations in high need areas (e.g., primary care, mental and behavioral health, health information technology).

There is also an urgent need to supplement occupational and industry employment estimates and projections with more varied and refined measures of current and projected demand across specific health care industries and segments within those industries. In particular, there is a need to develop uniform data on job openings, vacancy rates, and turnover rates in hospitals, nursing homes, and physician practices, and the degree to which those rates vary over time and by region of the state.

Finally, state policymakers lack accurate data on the specific health workforce requirements for different regions and populations across Nevada. In other words, policymakers need better data on the number of health personnel needed to achieve desired levels of health care for specific population groups or geographic regions of the state. Health workforce requirements modeling takes into account the unique population health needs of those areas and factors that may affect care seeking or treatment choices unique to Nevada.

2. Need for improved data and analysis on health workforce supply in Nevada.

Health workforce planning in Nevada would also benefit from more advanced analysis and data on health workforce supply. The licensure data presented in this report provide an important foundation for understanding the supply and geographic distribution of health professionals in Nevada. Nonetheless, headcounts of licensed health professionals are, at best, a proxy for the number of health professionals who are working or available to work in health care settings. For instance, simply knowing the number of licensed health professionals who reside in a county does not tell us where or for whom those individuals work, whether they work part-time or full-time, or what their future career or retirement plans are. As such, one of this report's recommendations is to utilize the state licensure and re-licensure processes to improve the accuracy of data collection on the employment characteristics of Nevada's health care workforce.

Currently, 26 state agencies and licensing boards are responsible for the licensure or certification of at least 62 health professions in Nevada. As a part of their ongoing effort to protect the public, these boards regularly collect and disseminate information about their licensees. This information is collected primarily through an individual's application to be admitted to the profession and through relicensing processes. Since applicants for licensure typically complete applications under penalty of perjury, the data submitted tends to be of high quality and credibility. Nonetheless, the information collected is often very limited and not always updated regularly. Worse, the procedures for collecting data, the frequency with which data is collected, and the types of data elements collected vary considerably from board to board. Consequently, health planning and policy makers rely on incomplete and inconsistent data on the size and current employment characteristics of the health workforce in Nevada. For example, licensure counts do not distinguish between full-time, part-time, and retired health professionals. Licensing boards also commonly collect mailing addresses of professionals, but not information on practice or employment locations, thus making it difficult count the number of practitioners providing care across county or even state boundaries.

There is a significant need to develop a standardized, minimum set of data points across each health profession licensed by the State of Nevada. While the collection process and frequency of data collection should be determined by each board, a standardized set of workforce data points or questions should be a mandatory component of licensure and re-licensure for every health professional licensed in the State of Nevada. The state licensing board renewal process provides a unique opportunity for collecting additional, up-to-date workforce information – particularly, information on current employment status, location of employment or practice, type of employment or practice setting, number of hours worked per week, retirement plans, and social and demographic characteristics. The minimum workforce data points and related questions should be straightforward for licensees and place a minimal amount of burden on the applicant (e.g., take less than 10 minutes to complete). Moreover, to further enhance the value of their data, each board may choose to expand their data by adding other optional questions (e.g., race and ethnicity) or mandatory questions (e.g.,

acceptance of Medicaid patients) not contained in the minimum data set for health professionals licensed in Nevada.

Recommended data elements for a Minimum Health Professions Data Set in Nevada include:

- Name
- Place of residence (address, city, county, state)
- Year of initial license
- Type of license
- Licensure status (active, inactive, retired)
- Undergraduate education (school, year of graduation, degree)
- Graduate education (school, year of graduation, degree)
- Highest level of education (degree)
- Areas of practice
- Specialty/subspecialty board certification
- Number of positions held
- Job title
- Place of employment (address, city, county, state)
- Employment status (full-time, part-time, per diem, unemployed)
- Primary and secondary practice setting (hospital, clinic, private practice, etc.)
- Number of weeks worked during the past year
- Average number of hours worked per week
- Average number of hours per week providing patient care
- Gender
- Date of birth
- Race and ethnicity
- Languages spoken
- Retirement plans (year, intent to work part-time, etc.)
- Licensure in other states (list states)
- Practice in other states (list states)

Finally, understanding current and projected health workforce supply in Nevada requires improved data collection and analysis on the capacity of the full spectrum of public and private health care education and training programs in the state to address immediate and long-term health workforce needs. In addition to the completions data presented in this report, consistent and reliable data are needed on the number of qualified applicants who are turned away from higher education programs each year, the current and projected number of students enrolled in health care education programs, and the extent to which health care education graduates remain in the state to practice.

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Appendix 1 – Current and Projected Health Care Employment in Nevada by Occupation – 2010 to 2020

Appendix 1 – Current and Projected Health Care Employment by Occupation in Nevada – 2010 to 2020 – contains employment estimates and projections for 66 health care and health-related occupations in Nevada. These estimates and projections were developed by the Research and Analysis Bureau at the Nevada Department of Employment, Training, and Rehabilitation (DETR). For more information on occupational projections in Nevada, the Occupational Employment Statistics (OES) program, and workforce data collected by the Research and Analysis Bureau at Nevada DETR, please visit www.nevadaworkforce.com.

Occupational projections estimate change in employment over time resulting from two principal causes: economic growth and changing technology. Changes in the number, size and type of employers within a given geographical area also affect the demand for certain occupations in the health services sector. For instance, technological advances (e.g., telemedicine) and changes in laws or regulations (e.g., state scope of practice regulations for health professionals) can affect the mix of occupations in a typical primary care clinic. The current and projected employment data in this report do not fully reflect the anticipated growth in demand for health services that will result from the implementation of the Patient Protection and Affordable Care Act of 2010 (ACA). At a minimum, an additional 300,000 Nevadans are projected to obtain health insurance through ACA-related provisions expanding coverage to low-income and uninsured residents of the state by the end of the decade.

Occupational employment estimates are based on survey data collected from Nevada employers through the OES program. The survey covers over 700 occupations. Employers report the number of individuals they employ in each occupation. The results generate an occupational distribution or staffing pattern for each industry. Occupational projections are then prepared by applying industry totals to occupational staffing patterns for each industry. Due to high levels of self-employment and low response rates, current and projected data for physicians and dentists are underestimated.

The base year (2010) is defined as the beginning year of the forecast cycle. The target or projected year (2020) is the ending year of the forecast cycle. In order to produce target-year occupational projections, a change factor developed by the Bureau of Labor Statistics is applied to each occupation. The resulting new occupational staffing patterns are then applied to the projected industry totals to give the target-year occupational projections.

Occupational projections are prepared for the entire State, Las Vegas-Paradise (Clark), Reno-Sparks (Washoe and Storey) and Carson City Metropolitan Statistical Area's (MSAs), the West Central counties (Douglas, Churchill, Lyon and Mineral) and the Balance of State (BOS) which includes all other Nevada counties. In this appendix, data for the West Central counties and Balance of State are aggregated into a single "Rural and Frontier Counties" category. Due to confidentiality issues and the associated suppression of data, regional subtotals do not sum to a statewide total for many occupations.

The data contained in Appendix 1 represent the best available source of occupational level information for estimating health care job opportunities in Nevada, studying long-range economic and health workforce employment trends, planning health education and training programs, and developing health care career information. The estimates assume certain fundamental conditions will prevail through the end of the decade, including the institutional framework of the U.S. economy; existing technological and scientific trends; current values placed on work, education, income, and leisure, and the absence of catastrophic events. Events such as major business closures or openings, natural disasters, and further changes in health insurance coverage can all have a major impact on health care employment levels.

The 66 tables contained in *Appendix 1 – Current and Projected Health Care Employment by Occupation in Nevada – 2010 to 2020* are organized in the following order:

Medicine and Primary Care Occupations

- Physicians – Primary Care
- Physicians – Surgeons
- Physicians – Specialists
- Physician Assistants

Nursing Occupations

- Registered Nurses
- Licensed Practical and Licensed Vocational Nurses
- Nursing Aides, Orderlies, and Attendants

Oral Health Occupations

- Dentists
- Dental Hygienists
- Dental Laboratory Technicians
- Dental Assistants

Mental and Behavioral Health Occupations

- Child, Family, and School Social Workers
- Clinical, Counseling, and School Psychologists
- Educational, Vocational, and School Counselors
- Marriage and Family Therapists
- Medical and Public Health Social Workers
- Mental Health Counselors
- Mental Health and Substance Abuse Social Workers
- Psychiatric Aides
- Substance Abuse and Behavioral Counselors

Pharmacy Occupations

- Pharmacists
- Pharmacy Technicians

Public Health Occupations

- Environmental Science and Protection Technicians
- Environmental Scientists and Specialists
- Epidemiologists
- Health Educators
- Health and Safety Engineers, Except Mining
- Occupational Health and Safety Specialists
- Occupational Health and Safety Technicians

Health Care Administration and Support Occupations

- Medical and Health Services Managers
- Medical Assistants
- Medical Records and Health Information Technicians
- Medical Secretaries
- Medical Transcriptionists

Allied Health Occupations

- Athletic Trainers
- Cardiovascular Technologists and Technicians
- Chiropractors
- Dietetic Technicians
- Dietitians and Nutritionists

- Emergency Medical Technicians and Paramedics
- Fitness Trainers and Aerobics Instructors
- Food Scientists and Technologists
- Home Health Aides
- Ophthalmic Laboratory Technicians
- Massage Therapists
- Medical and Clinical Laboratory Technologists
- Medical and Clinical Laboratory Technicians
- Medical Equipment Preparers
- Medical Equipment Repairers
- Medical Scientists, Except Epidemiologists
- Nuclear Medicine Technologists
- Occupational Therapists
- Opticians, Dispensing
- Optometrists
- Orthotists and Prosthetists
- Physical Therapists
- Physical Therapy Assistants
- Physical Therapy Aides
- Podiatrists
- Radiologic Technologists and Technicians
- Recreational Therapists
- Rehabilitation Counselors
- Respiratory Therapists
- Respiratory Therapy Technicians
- Social and Human Service Assistants
- Speech and Language Pathologists

Medicine and Primary Care Occupations

Physicians – Primary Care – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,578	1,624	1,803	225	14.3	23	30	53
Reno-Sparks MSA	329	337	368	39	11.9	4	7	11
Carson City MSA	61	61	68	7	11.5	0	1	1
Rural and Frontier	210	214	239	29	13.8	2	3	5
Nevada – Total	2,196	2,258	2,498	302	13.8	31	43	74

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Physicians – Surgeons – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	265	273	302	37	14.0	4	5	9
Reno-Sparks MSA	139	143	158	19	13.7	2	3	5
Carson City MSA	31	31	36	5	16.1	0	1	1
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	439	451	502	63	14.4	6	9	15

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Physicians – Specialists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,056	1,078	1,165	109	10.3	11	21	32
Reno-Sparks MSA	192	196	208	16	8.3	2	4	6
Carson City MSA	52	54	59	7	13.5	1	1	2
Rural and Frontier	57	57	62	5	8.1	0	1	1
Nevada – Total	1,383	1,411	1,521	138	10.0	14	27	41

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Physician Assistants – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	***	***	***	***	***	***	***	***
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	15	15	17	2	13.3	0	0	0
Rural and Frontier	10	10	11	1	10.0	0	0	0
Nevada – Total	***	***	***	***	***	***	***	***

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Nursing Occupations

Registered Nurses – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	12,327	12,753	14,460	2,133	17.3	213	223	436
Reno-Sparks MSA	3,439	3,535	3,921	482	14.0	48	62	110
Carson City MSA	749	789	949	200	26.7	20	14	34
Rural and Frontier	805	831	943	138	17.1	13	15	28
Nevada – Total	17,414	18,004	20,365	2,951	16.9	295	315	610

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Licensed Practical and Licensed Vocational Nurses – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,428	1,490	1,739	311	21.8	31	38	69
Reno-Sparks MSA	361	373	425	64	17.7	6	10	16
Carson City MSA	118	122	140	22	18.6	2	3	5
Rural and Frontier	223	227	247	24	9.7	2	6	8
Nevada – Total	2,130	2,212	2,539	409	19.2	41	57	98

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Nursing Aides, Orderlies, and Attendants – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	3,002	3,112	3,551	549	18.3	55	39	94
Reno-Sparks MSA	1,456	1,274	1,381	135	10.8	14	16	30
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	225	233	269	44	19.6	4	3	7
Nevada – Total	4,885	5,039	5,657	772	15.8	77	63	140

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Oral Health Occupations

Dentists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,141	1,147	1,170	29	2.5	3	34	37
Reno-Sparks MSA	127	127	132	5	3.9	0	4	4
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	52	52	56	4	7.7	0	2	2
Nevada – Total	1,445	1,443	1,489	4	3.0	4	43	47

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Dental Hygienists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	831	853	943	112	13.5	11	17	28
Reno-Sparks MSA	308	318	354	46	14.9	5	6	11
Carson City MSA	34	34	39	5	14.7	0	1	1
Rural and Frontier	41	41	46	5	12.2	0	1	1
Nevada – Total	1,272	1,308	1,448	176	13.8	18	26	44

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Dental Laboratory Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	94	94	94	0	0.0	0	3	3
Reno-Sparks MSA	46	46	49	3	6.5	0	1	1
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	171	171	174	3	1.8	0	5	5

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Dental Assistants – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	2,072	2,104	2,234	162	7.8	16	44	60
Reno-Sparks MSA	477	485	521	44	9.2	4	10	14
Carson City MSA	84	86	94	10	11.9	1	2	3
Rural and Frontier	205	209	228	23	10.1	2	4	6
Nevada – Total	2,844	2,892	3,080	236	8.3	24	60	84

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Mental and Behavioral Health Occupations

Child, Family, and School Social Workers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	***	***	***	***	***	***	***	***
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	403	413	446	43	9.6	5	10	15
Nevada – Total	2,812	2,838	2,940	128	4.6	13	67	80

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Clinical, Counseling, and School Psychologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	372	382	420	48	12.9	5	12	17
Reno-Sparks MSA	156	158	170	14	9.0	1	5	6
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	42	42	46	4	9.5	0	1	1
Nevada – Total	655	671	731	76	11.6	8	21	29

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Educational, Vocational, and School Counselors – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	786	794	821	35	4.5	4	17	21
Reno-Sparks MSA	333	337	355	22	6.6	2	7	9
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	130	132	143	13	10.0	1	3	4
Nevada – Total	1,345	1,361	1,420	75	5.6	8	29	37

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Marriage and Family Therapists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	***	***	***	***	***	***	***	***
Reno-Sparks MSA	41	43	49	8	19.5	1	1	2
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	100	104	125	25	25.0	2	2	4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Medical and Public Health Social Workers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	459	477	551	92	20.0	9	11	20
Reno-Sparks MSA	172	178	201	29	16.9	3	4	7
Carson City MSA	84	86	96	12	14.3	1	2	3
Rural and Frontier	29	29	37	8	21.6	0	0	0
Nevada – Total	739	767	878	139	18.8	14	18	32

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Mental Health Counselors – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	302	316	369	67	22.2	7	6	13
Reno-Sparks MSA	102	106	122	20	19.6	2	2	4
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	507	531	624	117	23.1	12	11	23

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Mental Health and Substance Abuse Social Workers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	269	279	318	49	18.2	5	6	11
Reno-Sparks MSA	50	50	54	4	8.0	0	1	1
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	19	19	20	1	5.3	0	0	0
Nevada – Total	397	409	459	62	15.6	6	9	15

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Psychiatric Aides – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	337	341	354	17	5.0	2	4	6
Reno-Sparks MSA	115	115	120	5	4.3	0	2	2
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	491	495	513	25	5.1	2	6	8

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Substance Abuse and Behavioral Counselors – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	127	129	138	11	8.7	1	3	4
Reno-Sparks MSA	69	71	75	6	8.7	1	2	3
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	19	19	23	4	21.1	0	0	0
Nevada – Total	260	264	284	24	9.2	2	6	8

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Pharmacy Occupations

Pharmacists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,618	1,668	1,868	250	15.5	25	41	66
Reno-Sparks MSA	333	341	371	38	11.4	4	8	12
Carson City MSA	34	36	43	9	26.5	1	1	2
Rural and Frontier	112	114	122	10	8.2	1	3	4
Nevada – Total	2,110	2,174	2,425	315	14.9	32	54	86

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Pharmacy Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,846	1,912	2,178	332	18.0	33	32	65
Reno-Sparks MSA	310	318	352	42	13.5	4	5	9
Carson City MSA	65	69	82	17	26.2	2	1	3
Rural and Frontier	135	139	150	15	10.0	2	3	5
Nevada – Total	2,369	2,451	2,777	408	17.2	41	41	82

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Public Health Occupations

Environmental Science and Protection Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	161	163	170	9	5.6	1	7	8
Reno-Sparks MSA	56	58	68	12	21.4	1	2	3
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	96	98	103	7	7.3	1	4	5
Nevada – Total	320	326	348	28	8.8	3	14	17

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

***Missing Data

Environmental Scientists and Specialists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	310	328	399	89	28.7	9	9	18
Reno-Sparks MSA	190	194	206	16	8.4	2	6	8
Carson City MSA	117	119	130	13	11.1	1	4	5
Rural and Frontier	150	152	164	14	8.5	1	5	6
Nevada – Total	758	786	894	136	17.9	14	22	36

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Epidemiologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	28	28	33	5	17.9	0	0	0
Reno-Sparks MSA	39	39	43	4	10.3	0	0	0
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	70	72	79	9	12.9	1	0	1

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Health Educators – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	162	168	188	26	16.0	3	4	7
Reno-Sparks MSA	62	64	73	11	17.7	1	1	2
Carson City MSA	17	17	22	5	29.4	0	0	0
Rural and Frontier	20	20	21	1	5.0	0	0	0
Nevada – Total	275	285	326	51	18.5	5	6	11

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Health and Safety Engineers (Except Mining) – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	67	69	80	13	19.4	1	2	3
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	89	93	107	18	20.2	2	2	4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Occupational Health and Safety Specialists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	265	271	297	32	12.1	3	9	12
Reno-Sparks MSA	97	97	99	2	2.1	0	3	3
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	159	171	215	26	26.0	6	6	12
Nevada – Total	537	553	620	83	15.5	8	19	27

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Occupational Health and Safety Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	35	35	40	5	14.3	0	1	1
Reno-Sparks MSA	19	19	22	3	15.8	0	1	1
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	32	36	50	18	56.3	2	1	3
Nevada – Total	92	96	114	22	23.9	2	3	5

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Health Care Administration and Support Occupations

Medical and Health Services Managers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,249	1,283	1,415	166	13.3	17	30	47
Reno-Sparks MSA	379	387	423	44	11.6	4	9	13
Carson City MSA	83	87	98	15	18.1	2	2	4
Rural and Frontier	132	134	149	17	11.4	1	3	4
Nevada – Total	1,837	1,887	2,090	253	13.8	25	45	70

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Medical Assistants – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	3,477	3,569	3,940	463	13.3	46	53	99
Reno-Sparks MSA	791	813	899	108	13.7	11	12	23
Carson City MSA	125	129	149	24	19.2	2	2	4
Rural and Frontier	269	277	306	37	12.1	4	4	8
Nevada – Total	4,663	4,793	5,309	646	13.9	65	72	137

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Medical Records and Health Information Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	944	966	1,058	114	12.1	11	19	30
Reno-Sparks MSA	220	224	245	25	11.4	2	4	6
Carson City MSA	48	50	54	6	12.5	1	1	2
Rural and Frontier	122	124	131	9	6.9	1	3	4
Nevada – Total	1,330	1,360	1,482	152	11.4	15	27	41

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Medical Secretaries – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,993	2,093	2,498	505	25.3	50	27	77
Reno-Sparks MSA	559	583	682	123	22.0	12	8	20
Carson City MSA	95	99	118	23	24.2	2	1	3
Rural and Frontier	197	207	240	43	17.9	5	3	8
Nevada – Total	2,844	2,984	3,546	702	24.7	70	38	108

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Medical Transcriptionists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	411	419	451	40	9.7	4	6	10
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	514	522	553	39	7.6	4	8	12

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Allied Health Occupations

Athletic Trainers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	66	68	79	13	19.7	1	2	3
Reno-Sparks MSA	13	13	16	3	23.1	0	0	0
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	102	106	124	22	21.6	2	4	6

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Cardiovascular Technologists and Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	347	359	402	55	15.9	6	5	11
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	417	431	484	67	16.1	7	6	13

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Chiropractors – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	185	189	209	24	13.0	2	4	6
Reno-Sparks MSA	81	83	92	11	13.6	1	2	3
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	287	295	323	36	12.5	4	6	10

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Dietetic Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	50	52	59	9	18.0	1	1	2
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	84	86	96	12	14.3	1	2	3

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Dietitians and Nutritionists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	171	175	194	23	13.5	2	6	8
Reno-Sparks MSA	71	73	77	6	8.5	1	2	3
Carson City MSA	21	21	22	1	4.8	0	1	1
Rural and Frontier	35	35	42	7	16.7	0	2	2
Nevada – Total	295	303	330	35	11.9	4	10	14

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Emergency Medical Technicians and Paramedics – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	818	844	947	129	15.8	13	16	29
Reno-Sparks MSA	316	328	371	55	17.4	6	6	12
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	105	107	115	10	9.5	1	2	3
Nevada – Total	1,343	1,385	1,549	206	15.3	21	27	48

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Fitness Trainers and Aerobics Instructors – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,719	1,779	2,023	304	17.7	30	28	58
Reno-Sparks MSA	312	322	365	53	17.0	5	5	10
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	53	55	64	11	20.8	1	1	2
Nevada – Total	2,159	2,235	2,535	376	17.4	38	34	72

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Food Scientists and Technologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	10	10	11	1	10.0	0	0	0
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	23	23	26	3	13.0	0	1	1

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Home Health Aides – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	2,812	3,018	3,839	1,027	36.5	103	36	139
Reno-Sparks MSA	1,008	1,076	1,352	344	34.1	34	13	47
Carson City MSA	309	325	393	84	27.2	8	4	12
Rural and Frontier	155	163	195	40	25.8	4	2	6
Nevada – Total	4,336	4,646	5,882	1,546	35.7	155	56	211

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Massage Therapists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	2,077	2,147	2,428	351	16.9	35	34	69
Reno-Sparks MSA	305	313	347	42	13.8	4	5	9
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	2,536	2,618	2,944	408	16.1	41	41	82

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Medical and Clinical Laboratory Technologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	726	434	762	36	5.0	4	14	18
Reno-Sparks MSA	216	216	216	0	0.0	0	4	4
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	18	18	17	-1	-5.6	0	0	0
Nevada – Total	1,035	1,043	1,075	40	3.9	4	20	24

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Medical and Clinical Laboratory Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	401	409	445	44	11.0	4	8	12
Reno-Sparks MSA	257	259	269	12	4.7	1	5	6
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	47	47	50	3	6.0	0	1	1
Nevada – Total	728	740	792	64	8.8	6	14	20

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Medical Equipment Preparers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	127	131	142	15	11.8	2	2	4
Reno-Sparks MSA	93	93	97	4	4.3	0	1	1
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	237	243	266	29	12.2	3	4	7

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Medical Equipment Repairers – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	54	58	79	25	46.3	2	2	4
Reno-Sparks MSA	69	73	85	16	23.2	2	2	4
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	123	131	168	45	36.6	4	3	7

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Medical Scientists, Except Epidemiologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	116	124	152	36	31.0	4	1	5
Reno-Sparks MSA	94	100	126	32	34.0	3	1	4
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	208	222	274	66	31.7	7	1	8

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Nuclear Medicine Technologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	105	107	117	12	11.4	1	2	3
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	131	133	144	13	9.9	1	2	3

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Occupational Therapists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	552	576	674	122	22.1	12	10	22
Reno-Sparks MSA	157	165	198	41	26.1	4	3	7
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	740	774	908	168	22.7	17	14	31

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Ophthalmic Laboratory Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	***	***	***	***	***	***	***	***
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	138	138	142	4	2.9	0	4	4

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Opticians, Dispensing – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	327	335	362	35	10.7	4	7	11
Reno-Sparks MSA	110	112	118	8	7.3	1	2	3
Carson City MSA	29	29	32	3	10.3	0	1	1
Rural and Frontier	30	30	32	2	6.7	0	1	1
Nevada – Total	499	509	548	49	9.8	5	10	15

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Optometrists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	***	***	***	***	***	***	***	***
Reno-Sparks MSA	17	17	19	2	11.8	0	0	0
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	13	13	16	3	23.1	0	0	0
Nevada – Total	167	171	192	25	15.0	2	6	8

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Orthotists and Prosthetists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	47	47	47	0	0.0	0	1	1
Reno-Sparks MSA	17	17	19	2	11.8	0	0	0
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	***	***	***	***	***	***	***	***

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Physical Therapists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	929	979	1,177	248	26.7	25	11	36
Reno-Sparks MSA	350	370	455	105	30.0	10	4	14
Carson City MSA	40	42	53	13	32.5	1	0	1
Rural and Frontier	80	84	105	25	23.8	2	0	2
Nevada – Total	1,398	1,476	1,786	388	27.8	39	16	55

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Physical Therapy Assistants – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	293	313	393	100	34.1	10	4	14
Reno-Sparks MSA	37	39	51	14	37.8	1	1	2
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	355	379	477	122	34.4	12	6	18

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Physical Therapy Aides – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	334	356	446	112	33.5	11	5	16
Reno-Sparks MSA	33	35	44	11	33.3	1	0	1
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	42	46	55	13	23.6	2	0	2
Nevada – Total	432	460	574	142	32.9	14	7	21

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Podiatrists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	21	21	22	1	4.8	0	0	0
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	35	35	35	0	0.0	0	1	1

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Radiologic Technologists and Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	1,051	1,089	1,245	194	18.5	19	16	35
Reno-Sparks MSA	350	364	423	73	20.9	7	5	12
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	43	45	50	7	16.3	1	1	2
Nevada – Total	1,586	1,646	1,890	304	19.2	30	25	55

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Recreational Therapists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	24	24	27	3	12.5	0	1	1
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	37	39	43	6	16.2	1	1	2

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Rehabilitation Counselors – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	288	296	331	43	14.9	4	6	10
Reno-Sparks MSA	26	26	26	0	0.0	0	1	1
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	25	25	26	1	4.0	0	0	0
Nevada – Total	469	481	528	59	12.6	6	10	16

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Respiratory Therapists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	543	573	689	146	26.9	15	10	25
Reno-Sparks MSA	172	180	207	35	20.3	4	3	7
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	27	29	33	6	22.2	1	0	1
Nevada – Total	780	818	972	192	24.6	19	15	34

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Respiratory Therapy Technicians – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	154	154	152	-2	-1.3	0	3	3
Reno-Sparks MSA	***	***	***	***	***	***	***	***
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	***	***	***	***	***	***	***	***
Nevada – Total	165	165	163	-2	-1.2	0	3	3

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Social and Human Service Assistants – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	788	802	856	68	8.6	7	17	24
Reno-Sparks MSA	302	306	325	23	7.6	2	6	8
Carson City MSA	48	50	54	6	12.5	1	1	2
Rural and Frontier	227	235	268	41	15.3	4	5	9
Nevada – Total	1,351	1,375	1,466	115	8.5	12	29	41

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

Speech and Language Pathologists – 2010 to 2020

Region	Employment			Change – 2010 to 2020		Annual Job Growth		
	Estimated 2010	Estimated 2012	Projected 2020	Number	Percent	Growth	Replace	Total
Las Vegas MSA	468	478	517	49	10.5	5	9	14
Reno-Sparks MSA	176	180	192	16	9.1	2	3	5
Carson City MSA	***	***	***	***	***	***	***	***
Rural and Frontier	32	32	33	1	3.1	0	1	1
Nevada – Total	697	711	771	74	10.6	7	13	20

Source: Nevada Department of Employment, Training, and Rehabilitation (2012d).

*** No Data Available

Health Workforce in Nevada – 2013 Edition

Appendix 2 – Licensed Health Professionals in Nevada – 2002 to 2012

Appendix 2 – Licensed Health Professionals in Nevada – 2002 to 2012 contains current data on the number and per capita number of health professionals licensed in the State of Nevada. Currently, 26 state agencies and licensing boards are responsible for the licensure or certification of at least 62 health professions. Data presented in this appendix provide information on 42 licensed health professions in medicine and primary care, nursing, oral health, mental and behavioral health, public health, pharmacy, physical and occupational therapy, laboratory and radiology, health care administration and support, and allied health.

Data contained in this appendix utilizes licensure data provided by state agencies and licensing agencies to the Nevada Office of Health Professions Research and Policy. The number of licensees per 100,000 population utilize population estimates provided by the Nevada State Demographer's Office.

In addition to statewide data, each table provides information on the number and per capita number of licensed health professionals in the following five regions of Nevada:

- Metropolitan south: Clark County
- Metropolitan north: Carson City, Douglas, Storey and Washoe Counties
- Rural and frontier northeast: Elko, Eureka, Lander and White Pine Counties
- Rural and frontier northwest: Churchill, Humboldt, Lyon, Mineral and Pershing Counties
- Rural and frontier south: Esmeralda, Lincoln and Nye Counties

Each table also provides information on change in the number and per capita number of licensed health professionals over the past decade. Due to variation in the availability of data from state licensing agencies over the past decade, the time interval varies from table to table. Every attempt was made to present information change over the time period 2002 to 2012. In a number of cases, the time interval was shorter (e.g., 2006 to 2012). Regardless, these tables highlight key health workforce trends in Nevada over the past decade.

The 42 tables contained in *Appendix 2 – Licensed Health Professionals in Nevada – 2002 to 2012* are organized in the following order:

Medicine and Primary Care Professions

- Allopathic Physicians (MDs)
- Osteopathic Physicians (DOs)
- Physician Assistants (PAs)
- Osteopathic Physician Assistants

Nursing Professions

- Registered Nurses (RNs)
- Advanced Practitioners of Nursing (APNs)
- Licensed Practical Nurses (LPNs)
- Registered Nurse Anesthetists (CRNAs)
- Registered Nurses with EMS Certification
- Certified Nursing Assistants (CNAs)

Oral Health Professions

- Dentists
- Registered Dental Hygienists (RDHs)

Mental and Behavioral Health Professions

- Alcohol, Drug, and Gambling Counselors
- Clinical Professional Counselors
- Licensed Social Workers (LSWs)
- Licensed Associates in Social Workers (LASWs)
- Licensed Clinical Social Workers (LSCWs)
- Licensed Independent Social Workers (LISWs)
- Marriage and Family Therapists (MFTs)
- Psychologists

Pharmacy Professions

- Pharmacists
- Pharmaceutical Technicians

Allied Health Professions

- Audiologists
- Chiropractors
- Dispensing Opticians
- Dispensing Optician Apprentices
- EMS - First Responders
- EMS - Basic Emergency Medical Technicians (EMTs)
- EMS - Intermediate Emergency Medical Technicians (EMTs)
- EMS - Advanced Emergency Medical Technicians (Paramedics)
- Medical Laboratory Technologists
- Medical Laboratory Technicians
- Medical Laboratory Assistants

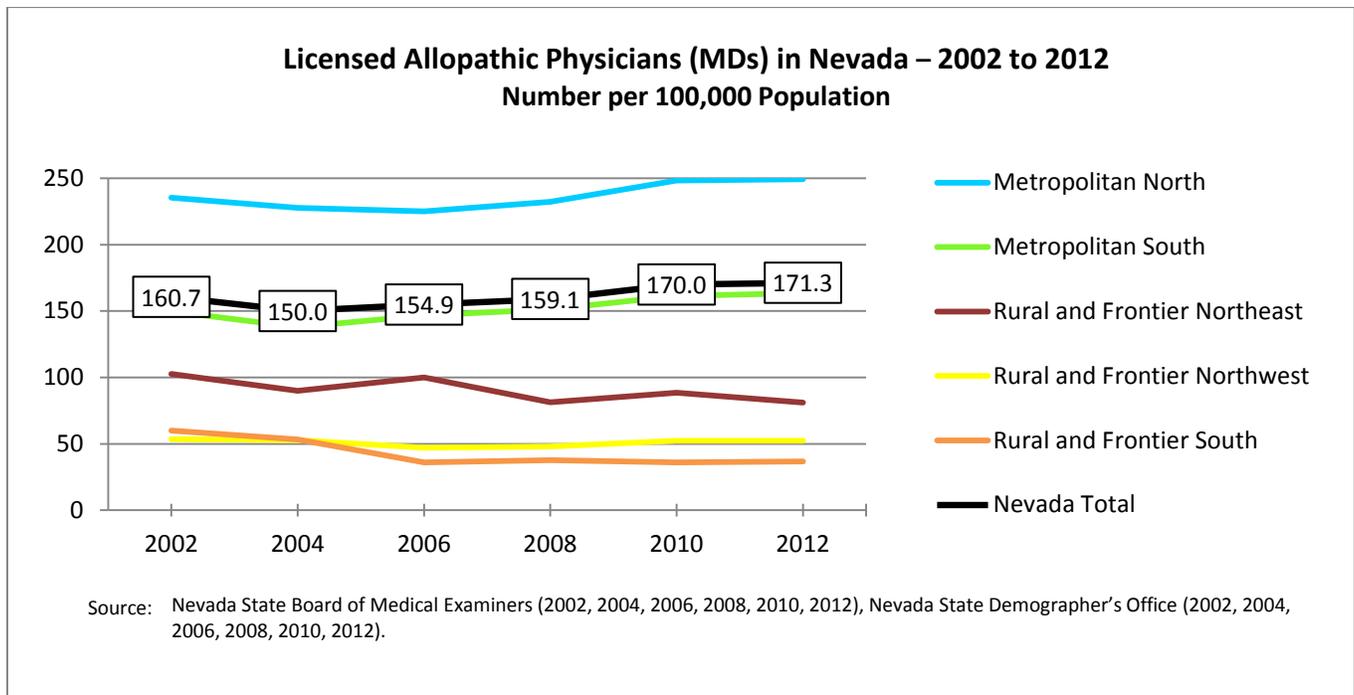
- Medical Laboratory Directors
- Occupational Therapists (OTs)
- Occupational Therapist Assistants (OTAs)
- Optometrists
- Physical Therapists (PTs)
- Physical Therapy Assistants (PTAs)
- Podiatrists
- Respiratory Therapists (RTs)
- Speech Language Pathologists

Medicine and Primary Care Professions

Licensed Allopathic Physicians (MDs) in Nevada – 2002 to 2012

Region	Licensed Allopathic Physicians (MDs)					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	2,321	3,254	933	40.2	149.8	163.6
Metropolitan North	1,008	1,326	238	21.9	235.4	249.3
Rural and Frontier Northeast	64	56	-8	-12.5	102.6	81.0
Rural and Frontier Northwest	49	57	8	16.3	53.4	52.3
Rural and Frontier South	24	19	-5	-20.8	59.9	36.8
Nevada – Total	3,546	4,712	1,166	32.9	160.7	171.3

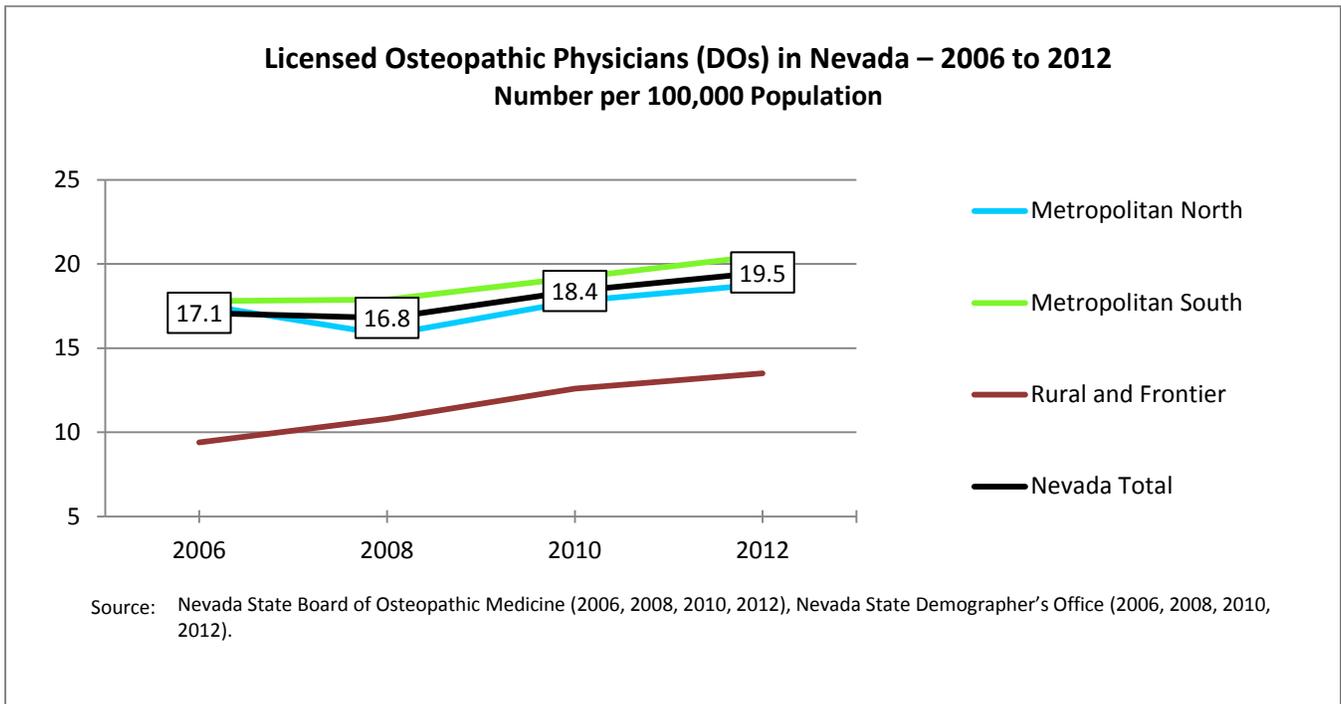
Source: Nevada State Board of Medical Examiners (2002, 2012), Nevada State Demographer's Office (2002, 2012).



Licensed Osteopathic Physicians (DOs) in Nevada – 2006 to 2012

Region	Licensed Osteopathic Physicians (DOs)					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	334	407	73	21.9	17.8	20.5
Metropolitan North	92	100	8	8.7	17.6	18.8
Rural and Frontier Northeast	10	12	2	20.0	15.4	17.4
Rural and Frontier Northwest	7	7	0	0.0	6.3	6.4
Rural and Frontier South	5	10	5	100.0	10.0	19.4
Nevada – Total	448	536	88	19.6	17.1	19.5

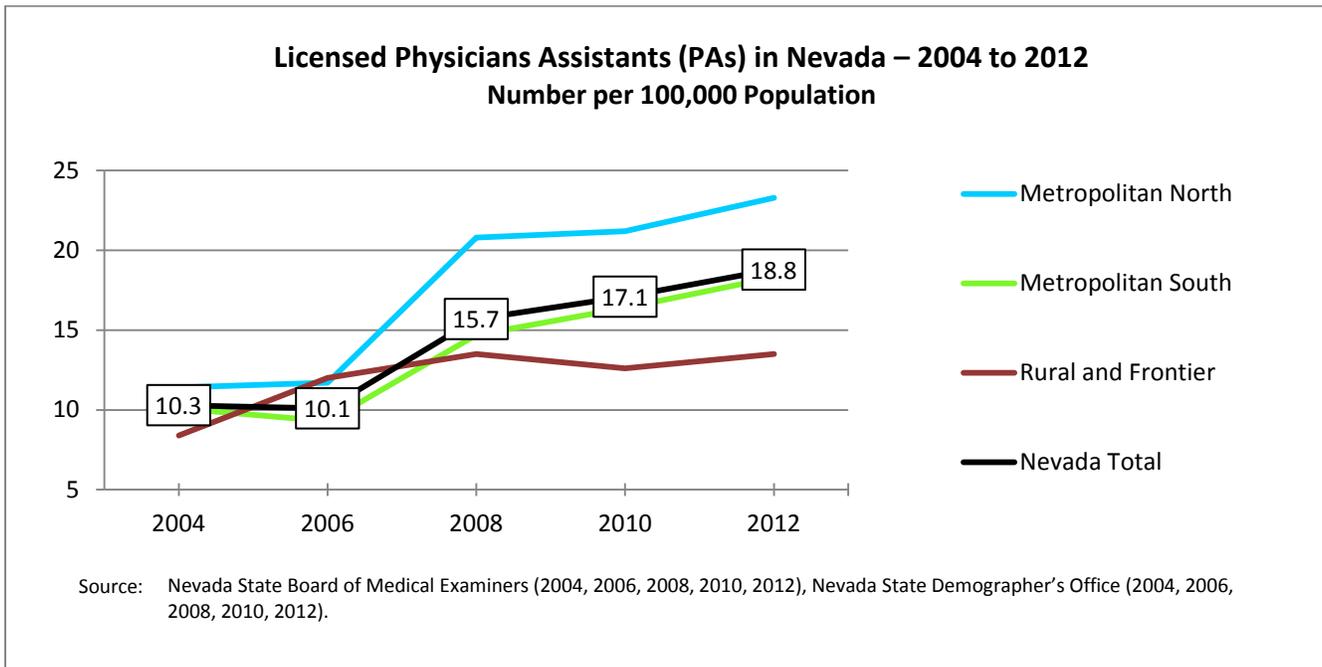
Source: Nevada State Board of Osteopathic Medicine (2006, 2012), Nevada State Demographer’s Office (2006, 2012).



Licensed Physician Assistants (PAs) in Nevada – 2004 to 2012

Region	Licensed Physician Assistants (PAs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	173	363	190	109.8	10.1	18.3
Metropolitan North	56	124	68	121.4	11.4	23.3
Rural and Frontier Northeast	5	9	4	80.0	8.0	13.0
Rural and Frontier Northwest	9	14	5	55.6	9.1	12.9
Rural and Frontier South	5	7	2	40.0	11.6	13.6
Nevada – Total	248	517	269	108.5	10.3	18.8

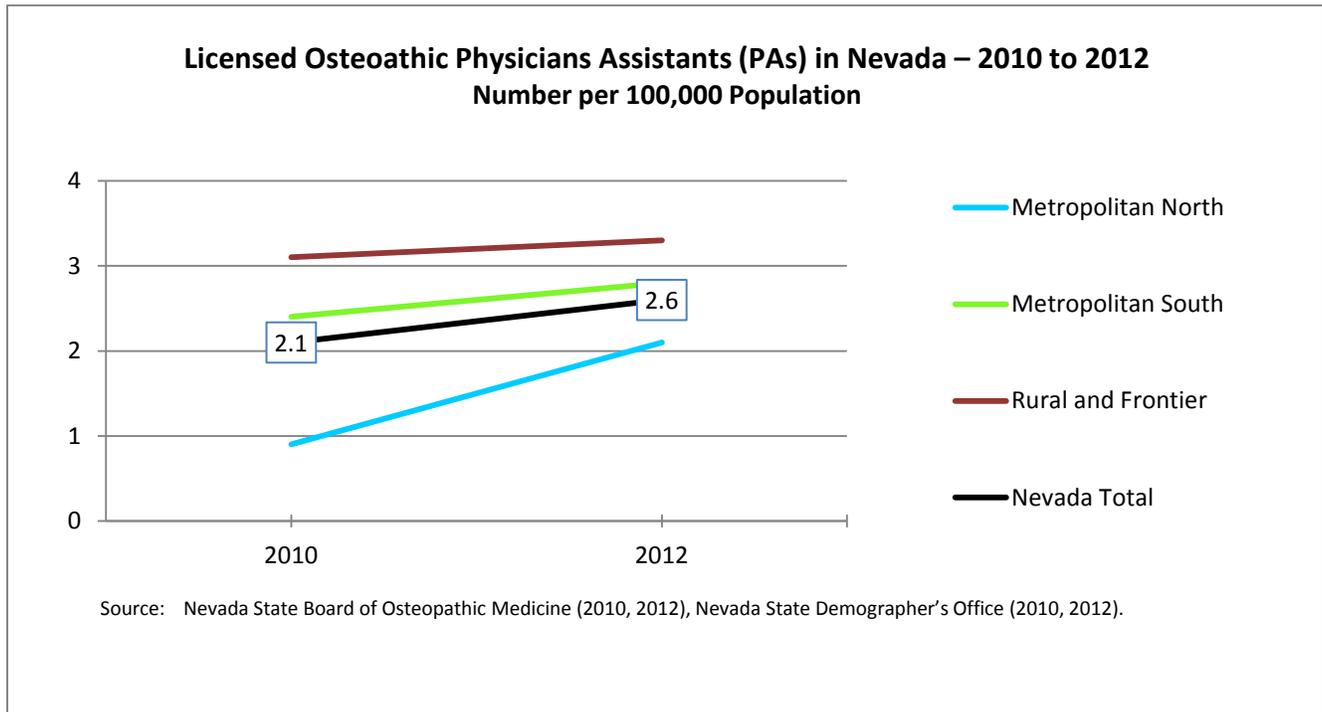
Source: Nevada State Board of Medical Examiners (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Osteopathic Physician Assistants (PAs) in Nevada – 2010 to 2012

Region	Licensed Osteopathic Physician Assistants (PAs)					
	Number		Change – 2010 to 2012		Number per 100,000 Population	
	2010	2012	Number	Percent	2010	2012
Metropolitan South	46	55	9	19.6	2.4	2.8
Metropolitan North	5	11	6	120.0	0.9	2.1
Rural and Frontier Northeast	1	1	0	0.0	1.5	1.4
Rural and Frontier Northwest	1	1	0	0.0	1.0	0.9
Rural and Frontier South	5	4	-1	-20.0	10.0	7.7
Nevada – Total	58	72	14	24.1	2.1	2.6

Source: Nevada State Board of Osteopathic Medicine (2010, 2012), Nevada State Demographer’s Office (2010, 2012).

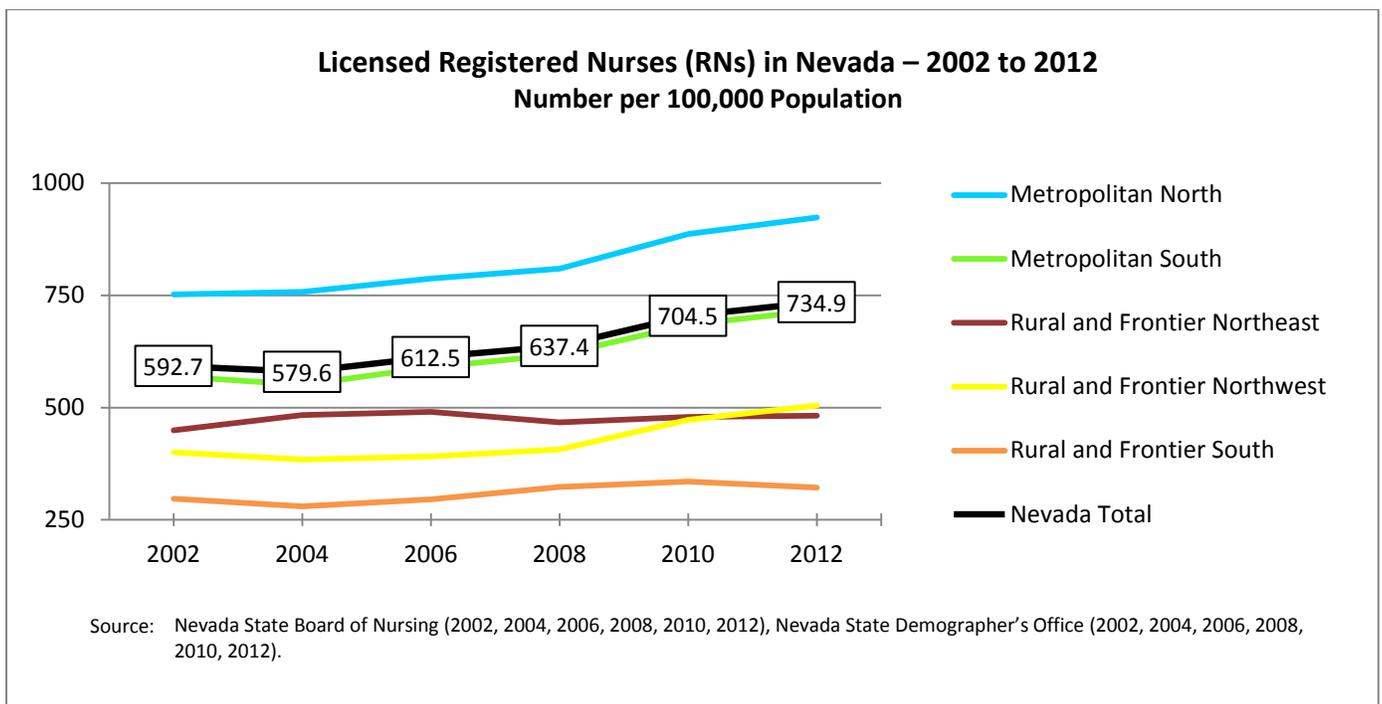


Nursing Professions

Licensed Registered Nurses (RNs) in Nevada – 2002 to 2012

Region	Licensed Registered Nurses (RNs)					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	8,831	14,254	5,423	61.4	569.9	716.7
Metropolitan North	3,476	4,911	1,435	41.3	752.2	923.3
Rural and Frontier Northeast	280	333	53	18.9	449.1	481.6
Rural and Frontier Northwest	368	550	182	49.5	400.7	504.9
Rural and Frontier South	119	166	47	39.5	297.2	321.4
Nevada – Total	13,074	20,214	7,140	54.6	592.7	734.9

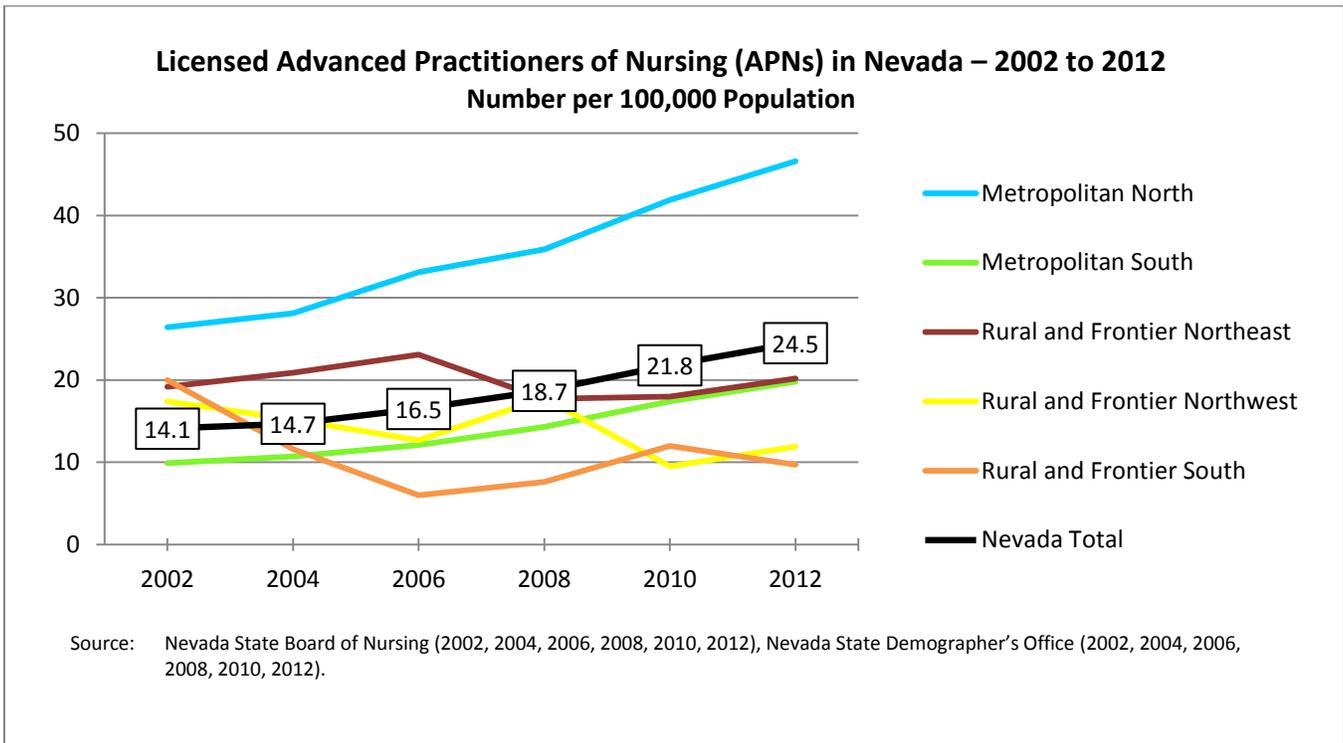
Source: Nevada State Board of Nursing (2002, 2012), Nevada State Demographer's Office (2002, 2012).



Licensed Advanced Practitioners of Nursing (APNs) in Nevada – 2002 to 2012

Region	Licensed Advanced Practitioners of Nursing (APNs)					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	153	394	241	157.5	9.9	19.8
Metropolitan North	122	248	126	103.3	26.4	46.6
Rural and Frontier Northeast	12	14	2	16.7	19.2	20.2
Rural and Frontier Northwest	16	13	-3	-18.8	17.4	11.9
Rural and Frontier South	8	5	-3	-37.5	20.0	9.7
Nevada – Total	311	674	363	116.7	14.1	24.5

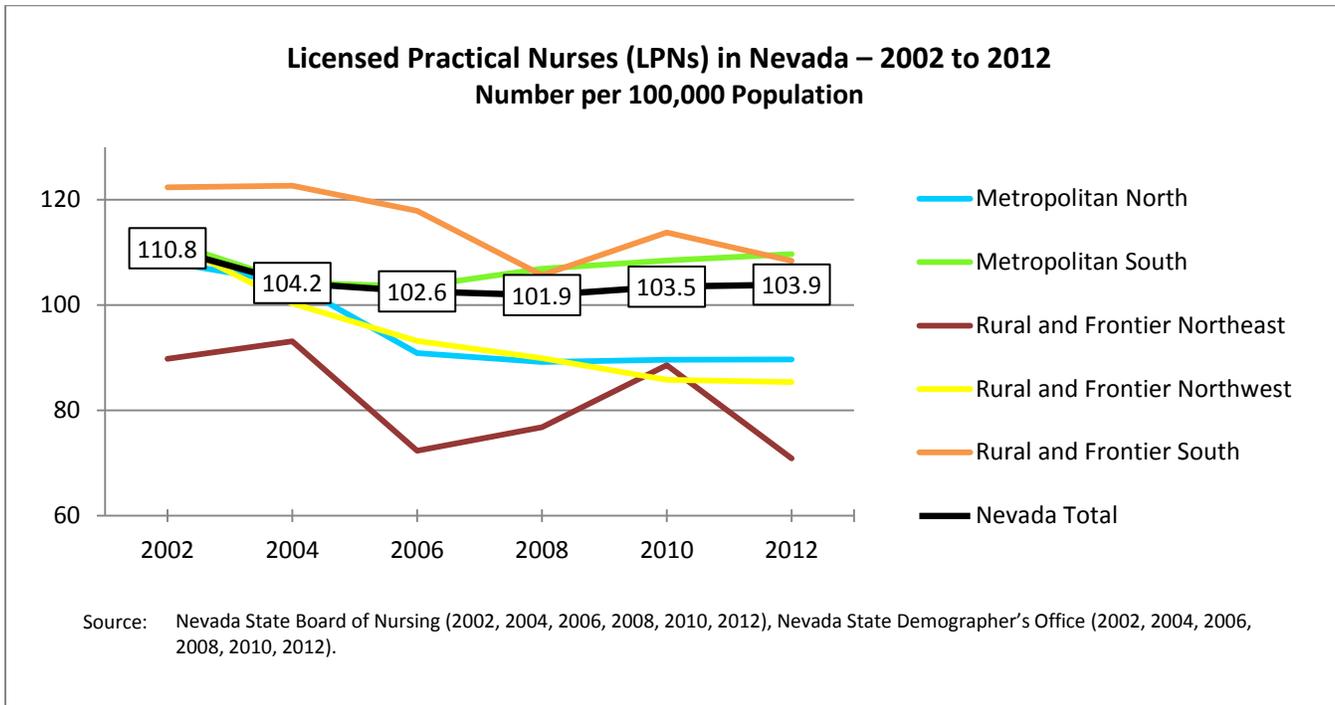
Source: Nevada State Board of Nursing (2002, 2012), Nevada State Demographer’s Office (2002, 2012).



Licensed Practical Nurses (LPNs) in Nevada – 2002 to 2012

Region	Licensed Practical Nurses (LPNs)					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	1,737	2,182	445	25.6	112.1	109.7
Metropolitan North	500	477	-23	-4.6	108.2	89.7
Rural and Frontier Northeast	56	49	-7	-12.5	89.8	70.9
Rural and Frontier Northwest	103	93	-10	-9.7	112.2	85.4
Rural and Frontier South	49	56	7	14.3	122.4	108.4
Nevada – Total	2,445	2,857	412	16.9	110.8	103.9

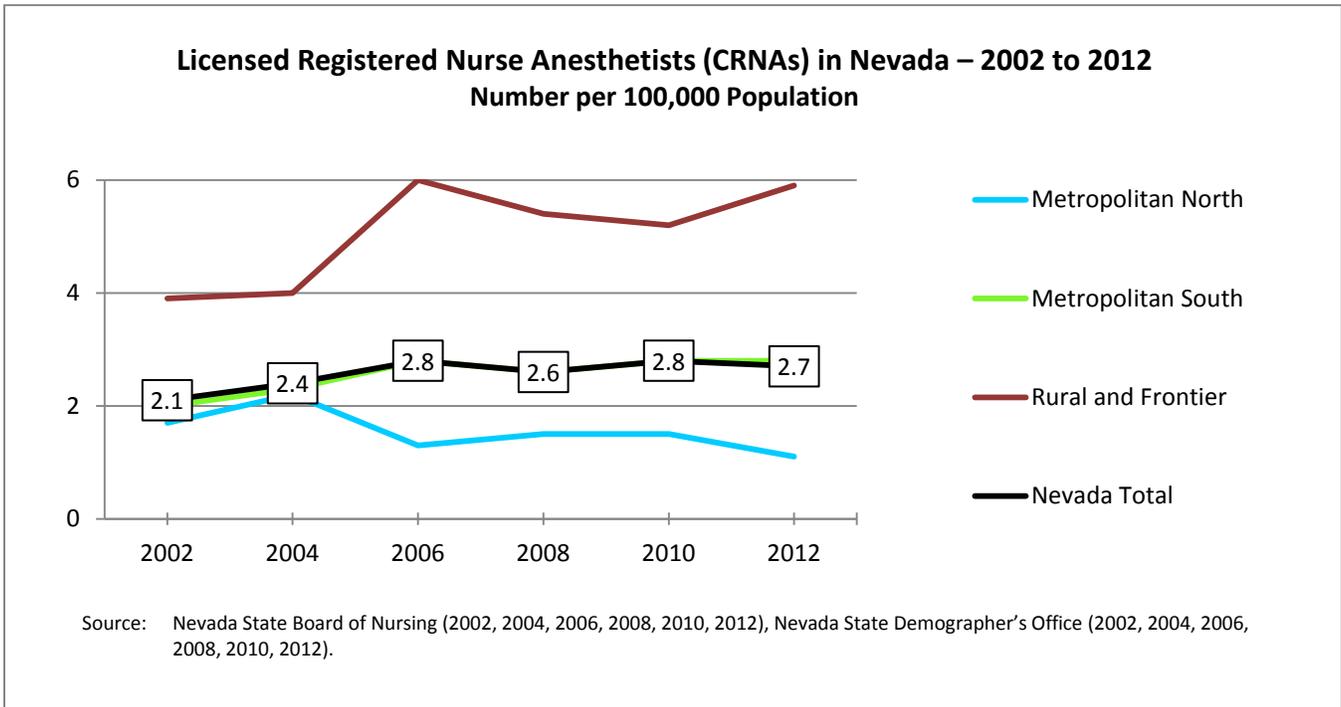
Source: Nevada State Board of Nursing (2002, 2012), Nevada State Demographer’s Office (2002, 2012).



Licensed Registered Nurse Anesthetists (CRNAs) in Nevada – 2002 to 2012

Region	Licensed Registered Nurse Anesthetists (CRNAs)					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	31	56	25	80.6	2.0	2.8
Metropolitan North	8	6	-2	-25.0	1.7	1.1
Rural and Frontier Northeast	6	8	2	33.3	9.6	11.6
Rural and Frontier Northwest	2	4	2	100.0	2.2	3.7
Rural and Frontier South	0	1	1	100.0	0.0	1.9
Nevada – Total	47	75	28	59.6	2.1	2.7

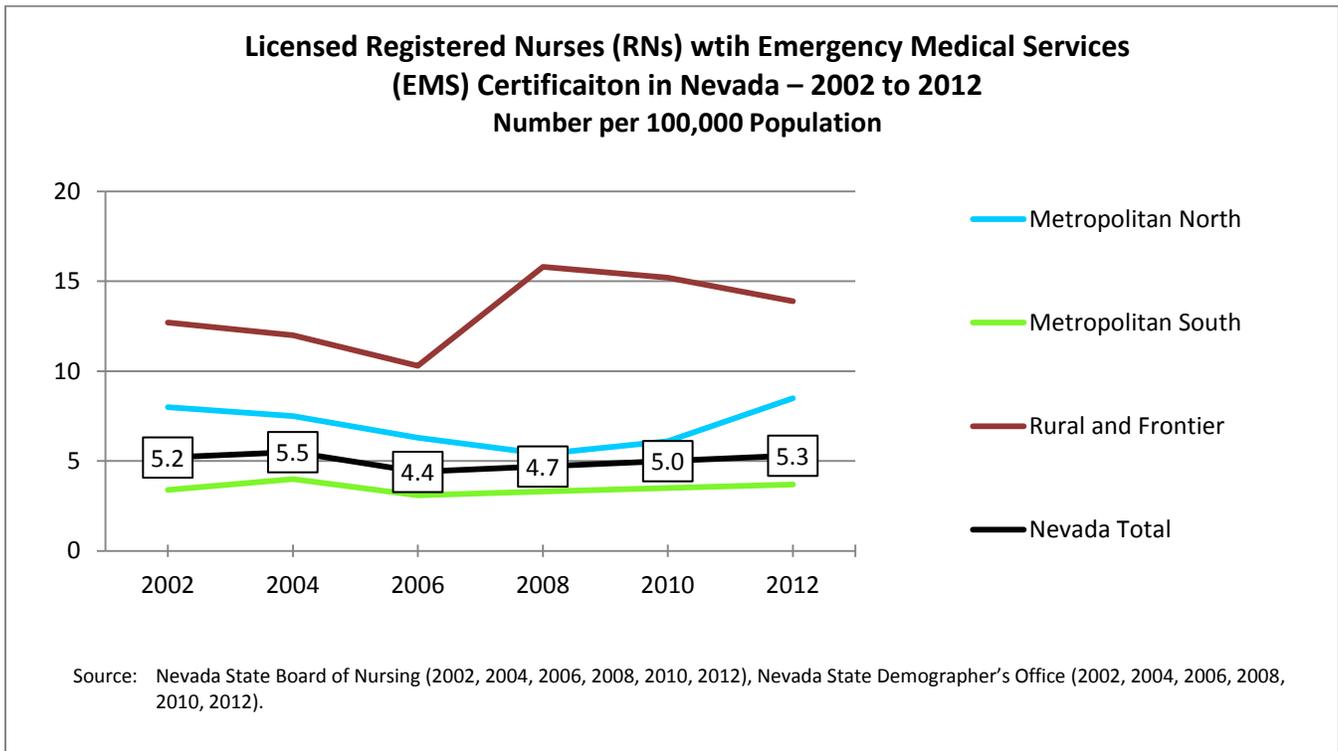
Source: Nevada State Board of Nursing (2002, 2012), Nevada State Demographer's Office (2002, 2012).



Licensed Registered Nurses (RNs) with Emergency Medical Services (EMS) Certification in Nevada – 2002 to 2012

Region	Licensed Registered Nurses (RNs) with Emergency Medical Services (EMS) Certification					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	52	73	21	40.4	3.4	3.7
Metropolitan North	37	45	8	21.6	8.0	8.5
Rural and Frontier Northeast	14	9	-5	-35.7	22.5	13.0
Rural and Frontier Northwest	9	13	4	44.4	9.8	11.9
Rural and Frontier South	3	7	4	133.3	7.5	13.6
Nevada – Total	115	147	32	27.8	5.2	5.3

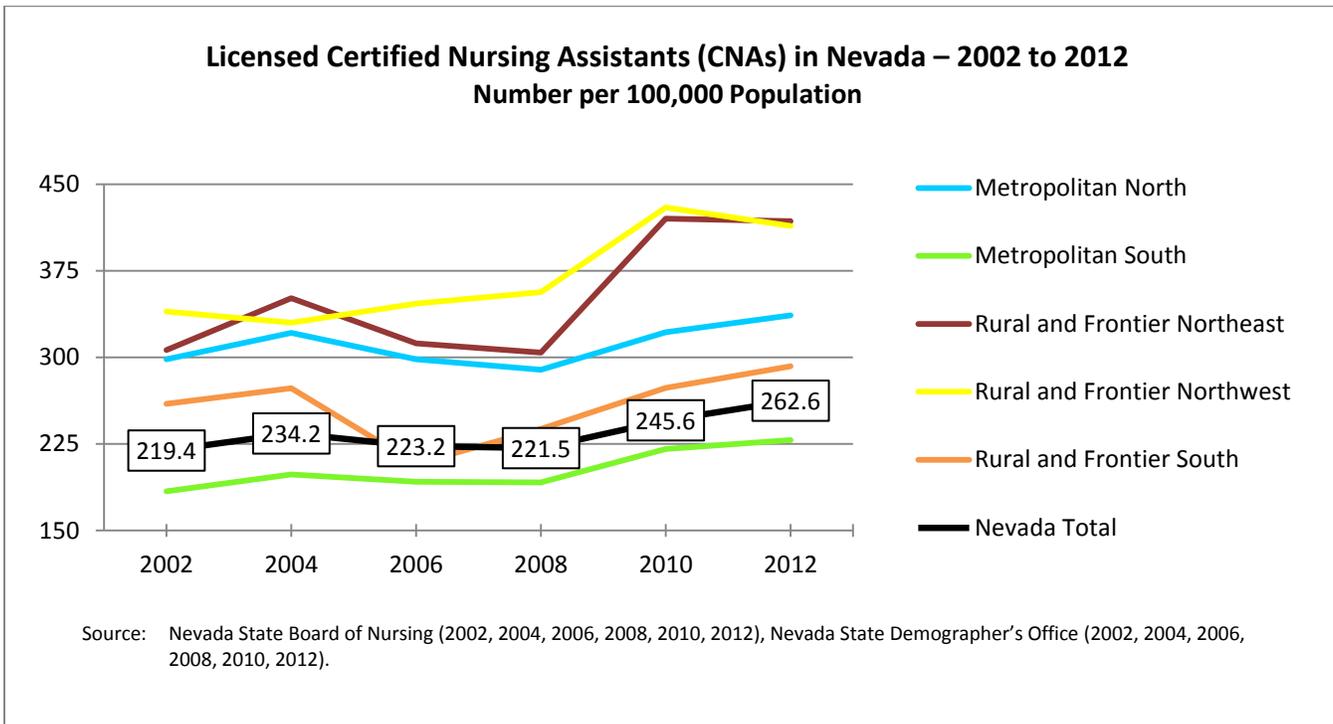
Source: Nevada State Board of Nursing (2002, 2012), Nevada State Demographer’s Office (2002, 2012).



Licensed Certified Nursing Assistants (CNAs) in Nevada – 2002 to 2012

Region	Licensed Certified Nursing Assistants (CNAs)					
	Number		Change – 2002 to 2012		Number per 100,000 Population	
	2002	2012	Number	Percent	2002	2012
Metropolitan South	2,853	4,542	1,689	59.2	184.1	228.4
Metropolitan North	1,379	1,790	411	29.8	298.4	336.5
Rural and Frontier Northeast	191	289	98	51.3	306.3	418.0
Rural and Frontier Northwest	312	451	139	44.6	339.7	414.0
Rural and Frontier South	104	151	47	45.2	259.7	292.3
Nevada – Total	4,839	7,223	2,384	49.3	219.4	262.6

Source: Nevada State Board of Nursing (2002, 2012), Nevada State Demographer’s Office (2002, 2012).

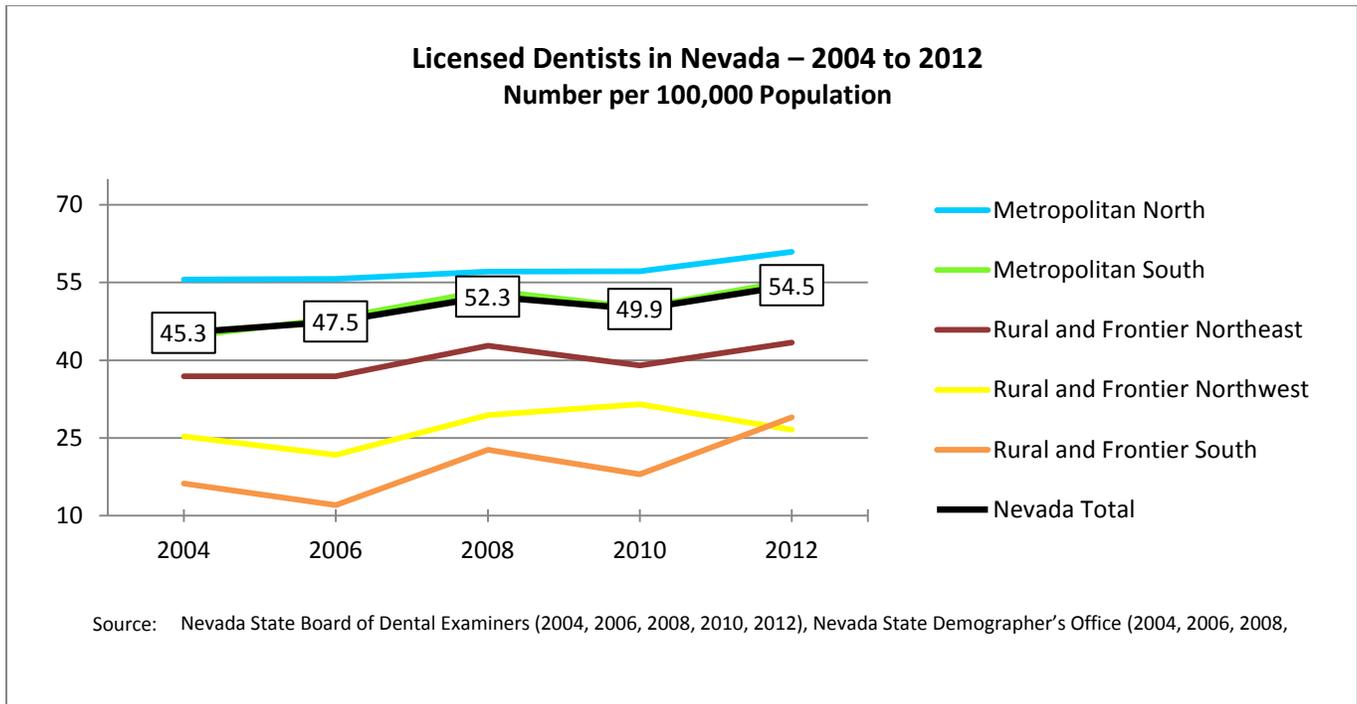


Oral Health Professions

Licensed Dentists in Nevada – 2004 to 2012

Region	Licensed Dentists					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	763	1,102	339	44.4	44.5	55.4
Metropolitan North	273	324	51	18.7	55.6	60.9
Rural and Frontier Northeast	23	30	7	30.4	36.9	43.4
Rural and Frontier Northwest	25	29	4	16.0	25.3	26.6
Rural and Frontier South	7	15	8	114.3	16.2	29.0
Nevada – Total	1,091	1,500	409	37.5	45.3	54.5

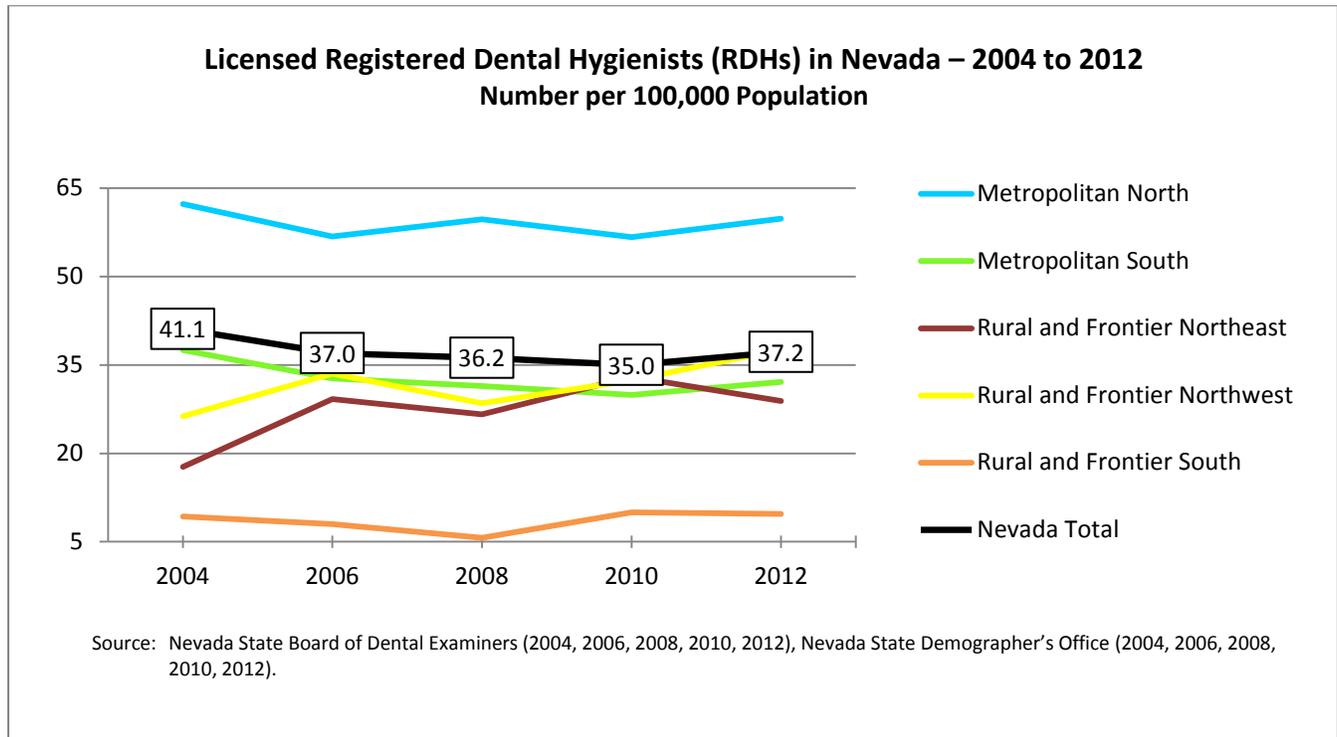
Source: Nevada State Board of Dental Examiners (2004, 2012), Nevada State Demographer's Office (2004, 2012).



Licensed Registered Dental Hygienists (RDHs) in Nevada – 2004 to 2012

Region	Licensed Registered Dental Hygienists (RDHs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	644	638	-6	3.9	37.5	32.1
Metropolitan North	306	318	12	-0.9	62.3	59.8
Rural and Frontier Northeast	11	20	9	81.8	17.7	28.9
Rural and Frontier Northwest	26	41	15	57.7	26.3	37.6
Rural and Frontier South	4	5	1	25.0	9.3	9.7
Nevada – Total	991	1,022	31	3.1	41.1	37.2

Source: Nevada State Board of Dental Examiners (2004, 2012), Nevada State Demographer's Office (2004, 2012).

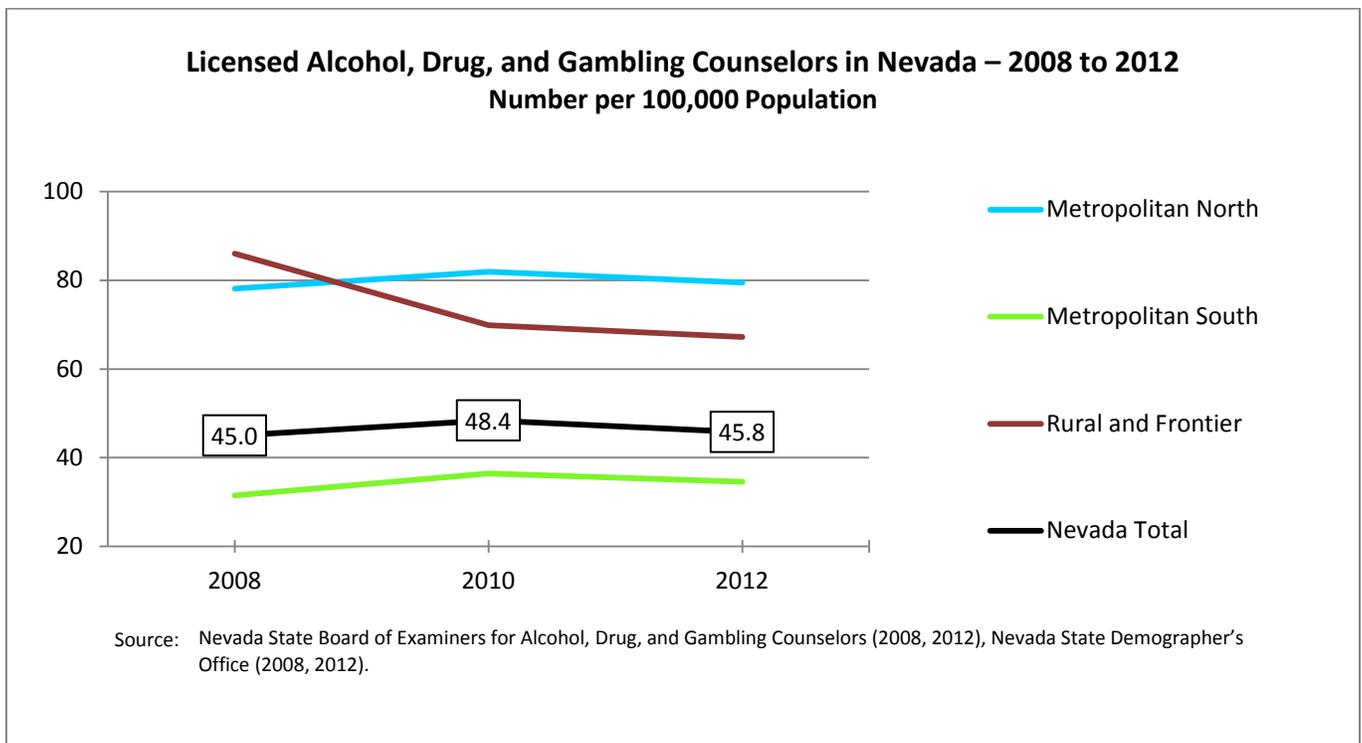


Mental and Behavioral Health Professions

Licensed Alcohol, Drug, and Gambling Counselors in Nevada – 2008 to 2012

Region	Licensed Alcohol, Drug, and Gambling Counselors					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	619	688	3	0.7	31.5	34.6
Metropolitan North	420	423	69	11.1	78.1	79.5
Rural and Frontier Northeast	94	34	-60	-63.8	138.8	49.2
Rural and Frontier Northwest	82	99	17	20.7	72.9	90.9
Rural and Frontier South	18	16	-2	-11.1	34.0	31.0
Nevada – Total	1,233	1,260	27	2.2	45.0	45.8

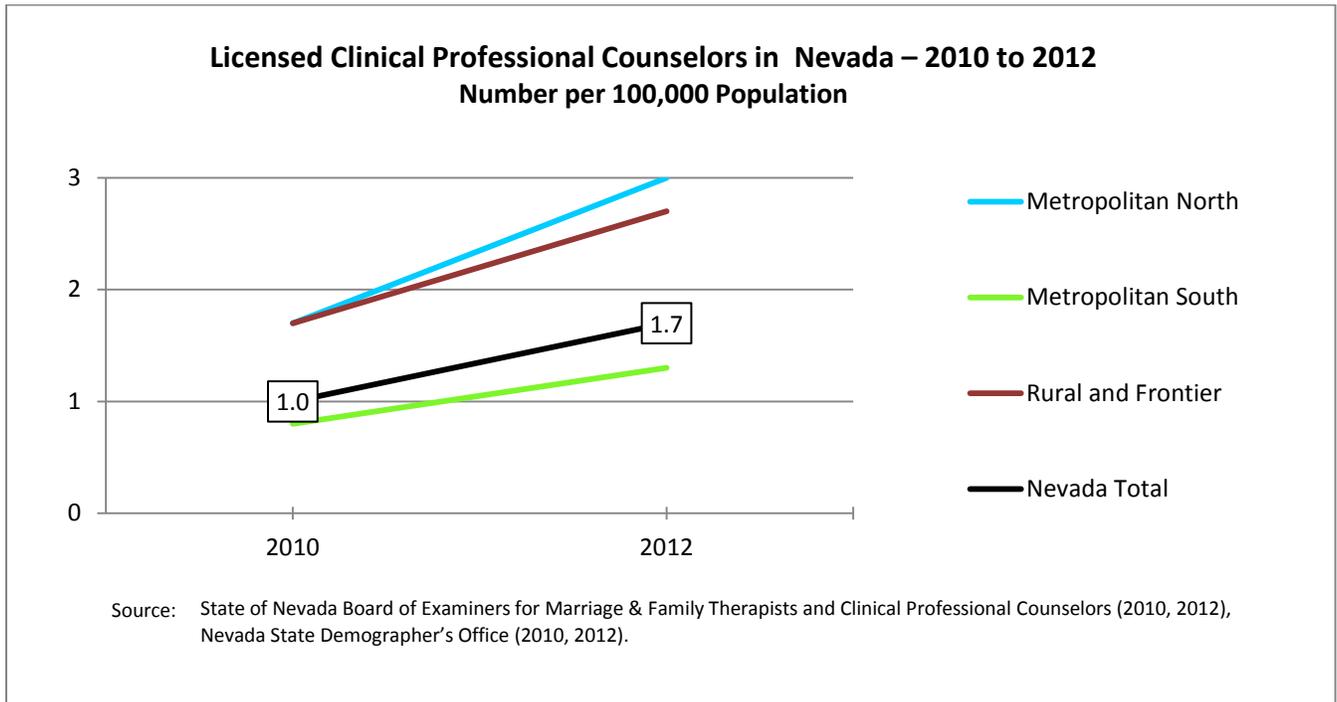
Source: Nevada State Board of Examiners for Alcohol, Drug, and Gambling Counselors (2008, 2012), Nevada State Demographer's Office (2008, 2012).



Licensed Clinical Professional Counselors in Nevada – 2010 to 2012

Region	Licensed Clinical Professional Counselors					
	Number		Change – 2010 to 2012		Number per 100,000 Population	
	2010	2012	Number	Percent	2010	2012
Metropolitan South	15	25	10	66.7	0.8	1.3
Metropolitan North	9	16	7	77.8	1.7	3.0
Rural and Frontier Northeast	2	2	0	0.0	3.0	2.9
Rural and Frontier Northwest	2	3	1	50.0	1.9	2.8
Rural and Frontier South	0	1	1	100.0	0.0	1.9
Nevada – Total	28	47	19	67.9	1.0	1.7

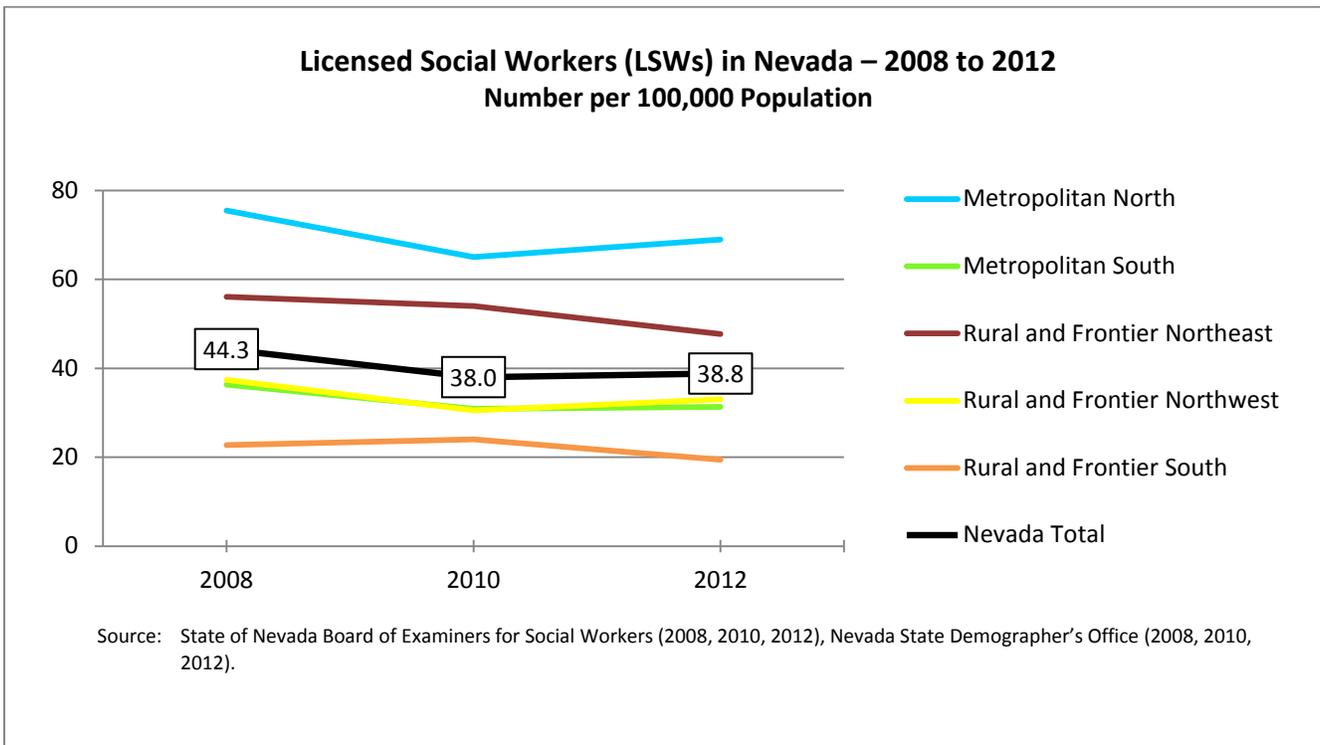
Source: State of Nevada Board of Examiners for Marriage & Family Therapists and Clinical Professional Counselors (2010, 2012), Nevada State Demographer's Office (2010, 2012).



Licensed Social Workers (LSWs) in Nevada – 2008 to 2012

Region	Licensed Social Workers (LSWs)					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	715	622	-93	-13.0	36.3	31.3
Metropolitan North	406	367	-39	-9.6	75.5	69.0
Rural and Frontier Northeast	38	33	-5	-13.2	56.1	47.7
Rural and Frontier Northwest	42	36	-6	-14.3	37.4	33.0
Rural and Frontier South	12	10	-2	-16.7	22.7	19.4
Nevada – Total	1,213	1,068	-145	-12.0	44.3	38.8

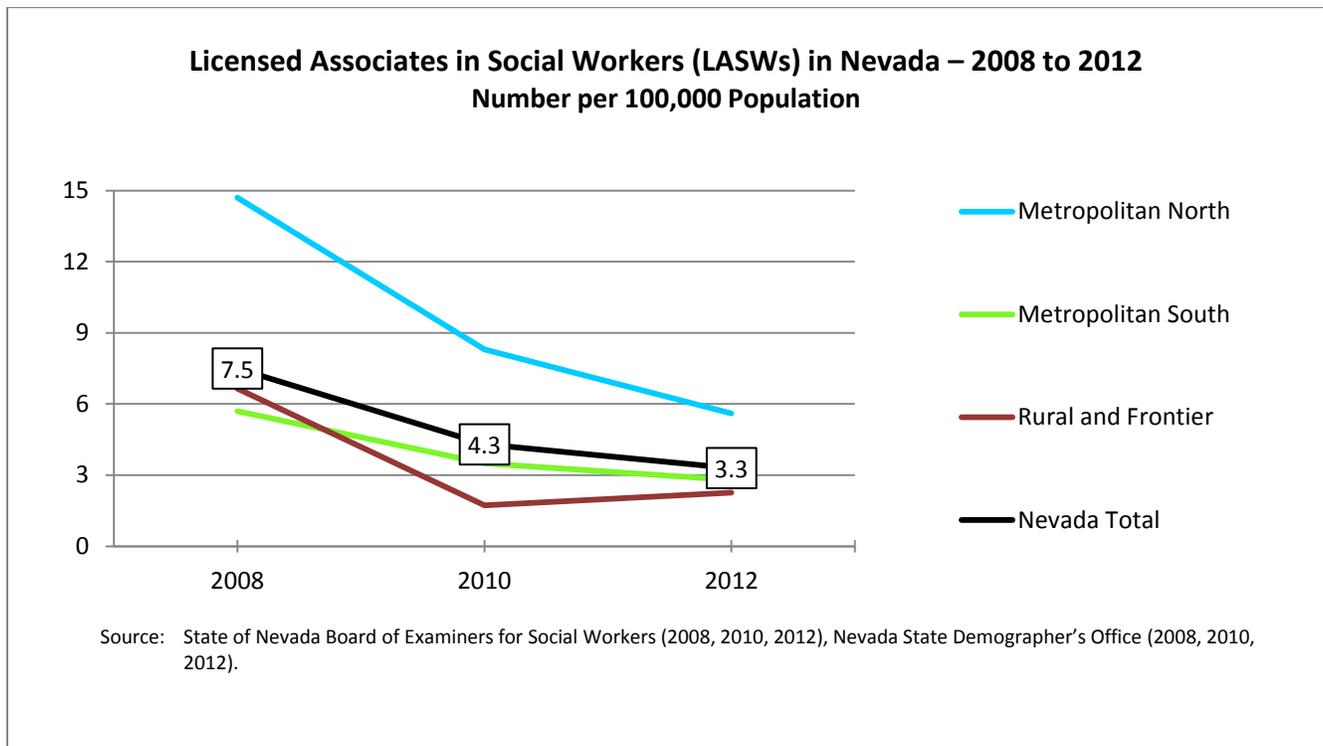
Source: State of Nevada Board of Examiners for Social Workers (2008, 2012), Nevada State Demographer’s Office (2008, 2012).



Licensed Associates in Social Workers (LASWs) in Nevada – 2008 to 2012

Region	Licensed Associates in Social Workers (LASWs)					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	112	56	-56	-50.0	5.7	2.8
Metropolitan North	79	30	-49	-62.0	14.7	5.6
Rural and Frontier Northeast	4	3	-1	-25.0	5.9	4.3
Rural and Frontier Northwest	9	2	-7	-77.8	8.0	1.8
Rural and Frontier South	2	0	-2	-100.0	3.8	0.0
Nevada – Total	206	91	-115	-55.8	7.5	3.3

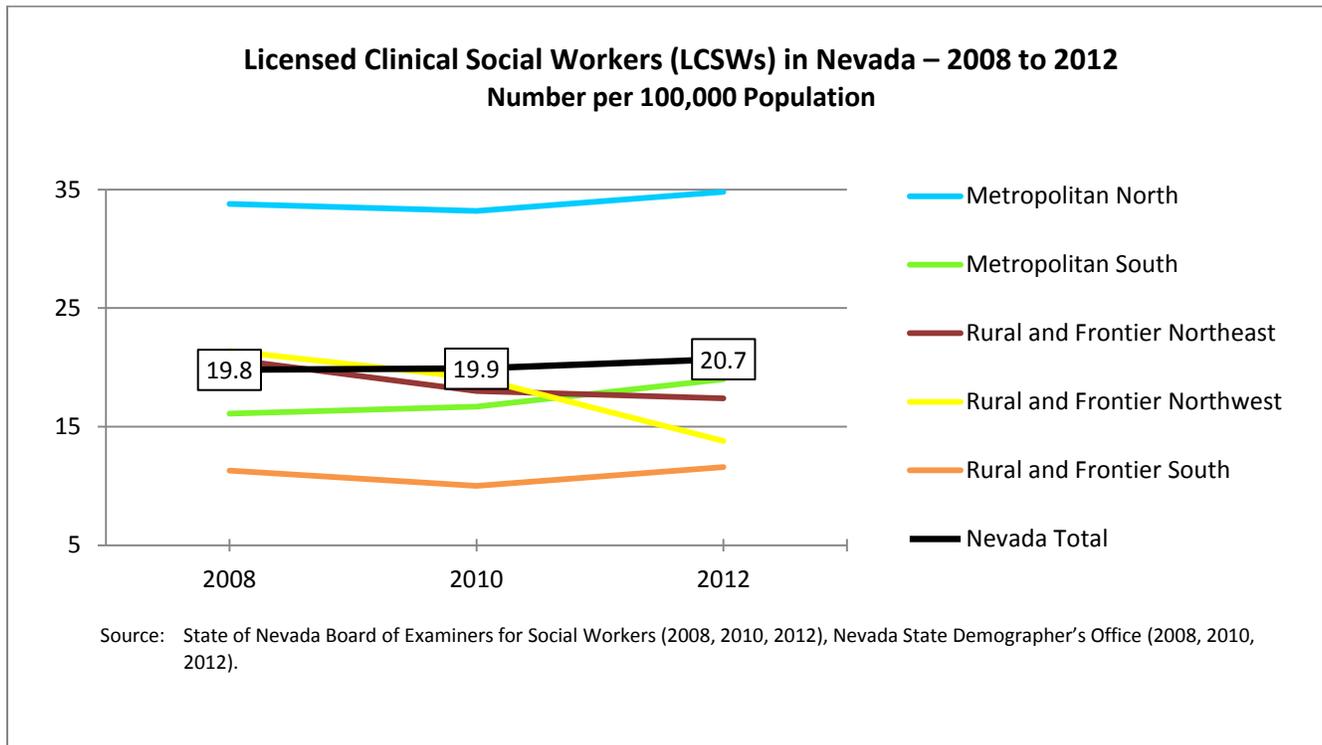
Source: State of Nevada Board of Examiners for Social Workers (2008, 2012), Nevada State Demographer’s Office (2008, 2012).



Licensed Clinical Social Workers (LCSWs) in Nevada – 2008 to 2012

Region	Licensed Clinical Social Workers (LCSWs)					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	317	378	61	19.2	16.1	19.0
Metropolitan North	182	185	3	1.6	33.8	34.8
Rural and Frontier Northeast	14	12	-2	-14.3	20.7	17.4
Rural and Frontier Northwest	24	15	-9	-37.5	21.4	13.8
Rural and Frontier South	6	6	0	0.0	11.3	11.6
Nevada – Total	543	596	53	9.8	19.8	21.7

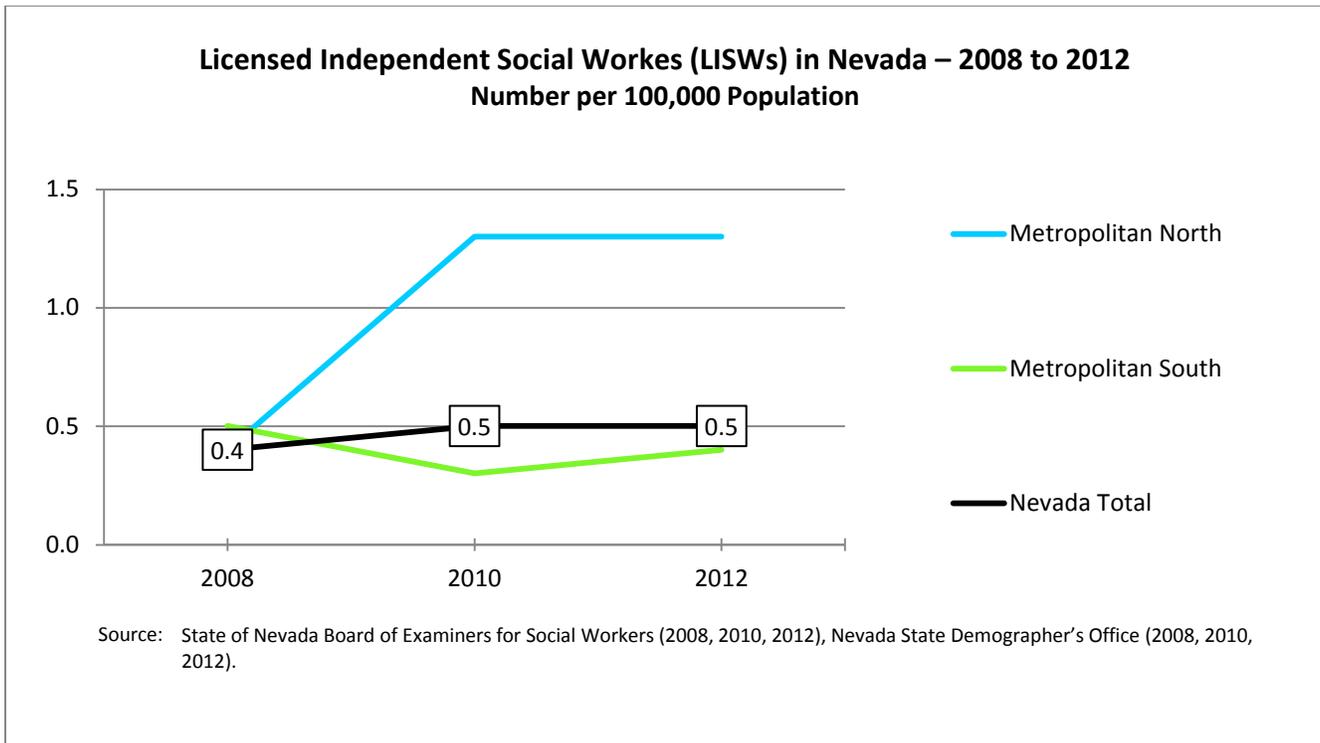
Source: State of Nevada Board of Examiners for Social Workers (2008, 2012), Nevada State Demographer’s Office (2008, 2012).



Licensed Independent Social Workers (LISWs) in Nevada – 2008 to 2012

Region	Licensed Independent Social Workers (LISWs)					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	9	8	-1	-11.1	0.5	0.4
Metropolitan North	2	7	5	250.0	0.4	1.3
Rural and Frontier Northeast	0	0	0	0.0	0.0	0.0
Rural and Frontier Northwest	0	0	0	0.0	0.0	0.0
Rural and Frontier South	0	0	0	0.0	0.0	0.0
Nevada – Total	11	15	4	36.4	0.4	0.5

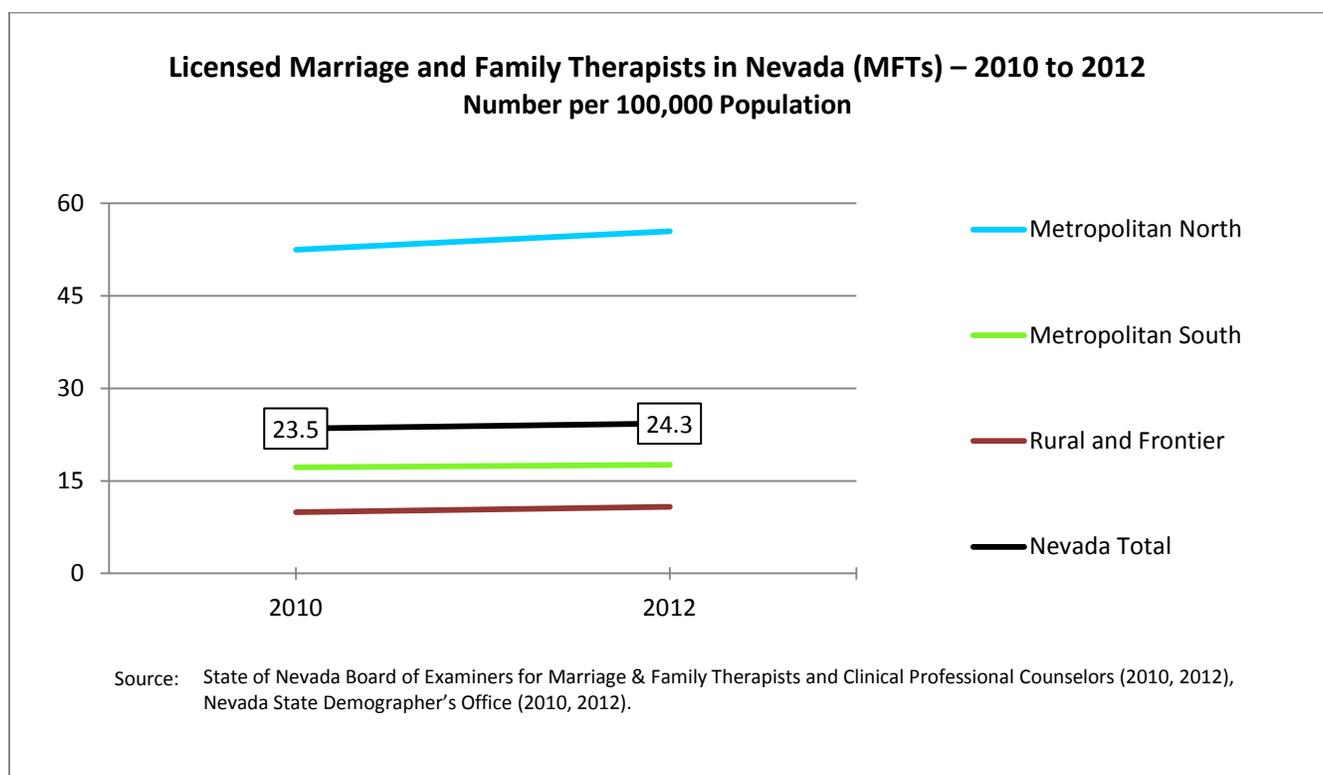
Source: State of Nevada Board of Examiners for Social Workers (2008, 2012), Nevada State Demographer’s Office (2008, 2012).



Licensed Marriage and Family Therapists in Nevada (MFTs) – 2010 to 2012

Region	Licensed Marriage and Family Therapists (MFTs)					
	Number		Change – 2010 to 2012		Number per 100,000 Population	
	2010	2012	Number	Percent	2010	2012
Metropolitan South	335	350	15	4.5	17.2	17.6
Metropolitan North	277	295	18	6.5	52.5	55.5
Rural and Frontier Northeast	4	4	0	0.0	6.0	5.8
Rural and Frontier Northwest	15	16	1	6.7	14.3	14.7
Rural and Frontier South	4	4	0	0.0	8.0	7.7
Nevada – Total	635	669	34	5.4	23.5	24.3

Source: State of Nevada Board of Examiners for Marriage & Family Therapists and Clinical Professional Counselors (2010, 2012), Nevada State Demographer's Office (2010, 2012).

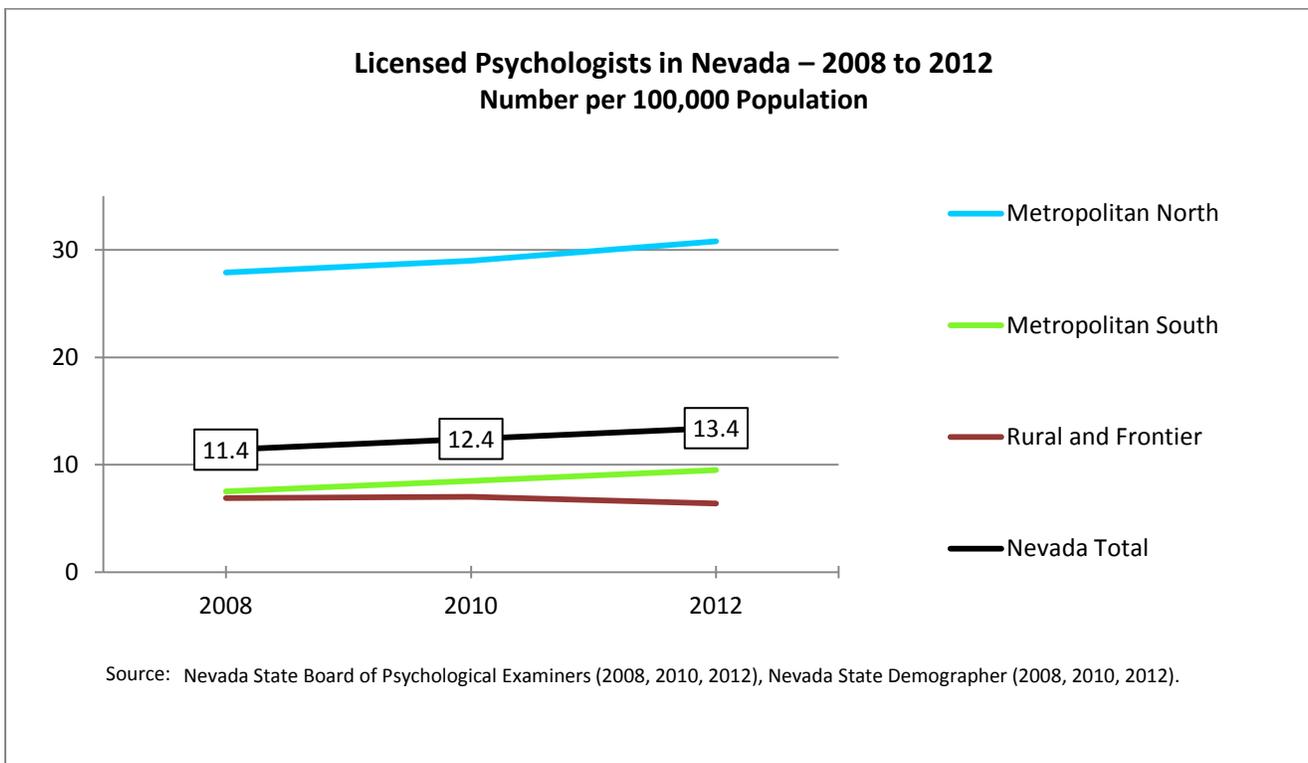


Licensed Psychologists in Nevada – 2008 to 2012

Region	Licensed Psychologists					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	147	189	42	28.6	7.5	9.5
Metropolitan North	150	164	14	9.3	27.9	30.8
Rural and Frontier Northeast	4	1	-3	-75.0	5.9	1.4
Rural and Frontier Northwest	8	8	0	0.0	7.1	7.3
Rural and Frontier South	2	6	4	200.0	3.8	11.6
Nevada – Total	311	368	57	18.3	11.4	13.4

Source: Nevada State Board of Psychological Examiners (2008, 2012), Nevada State Demographer (2008, 2012).

Notes: As of 2012, Nevada State Board of Psychological Examiners now includes licensure for Licensed Behavior Analysts (LBAs), Licensed Assistant Behavior Analysts (LaBAs), and Certified Autism Behavior Interventionists (CABIs). CABIs are not included in this document.

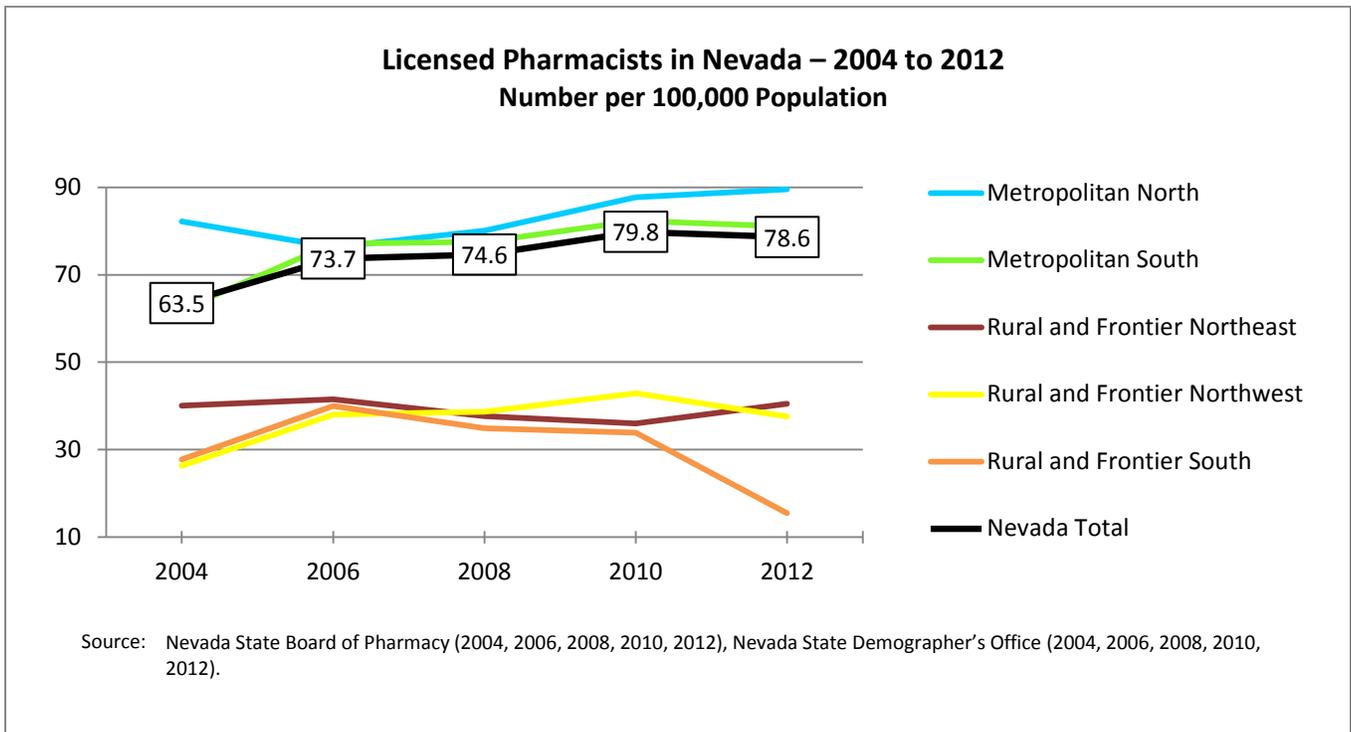


Pharmacy Professions

Licensed Pharmacists in Nevada – 2004 to 2012

Region	Licensed Pharmacists					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	1,063	1,610	547	51.5	62.0	81.0
Metropolitan North	404	476	72	17.8	82.2	89.5
Rural and Frontier Northeast	25	28	3	12.0	40.1	40.5
Rural and Frontier Northwest	26	41	15	57.7	26.3	37.6
Rural and Frontier South	12	8	-4	-33.3	27.8	15.5
Nevada – Total	1,530	2,163	633	41.4	63.5	78.6

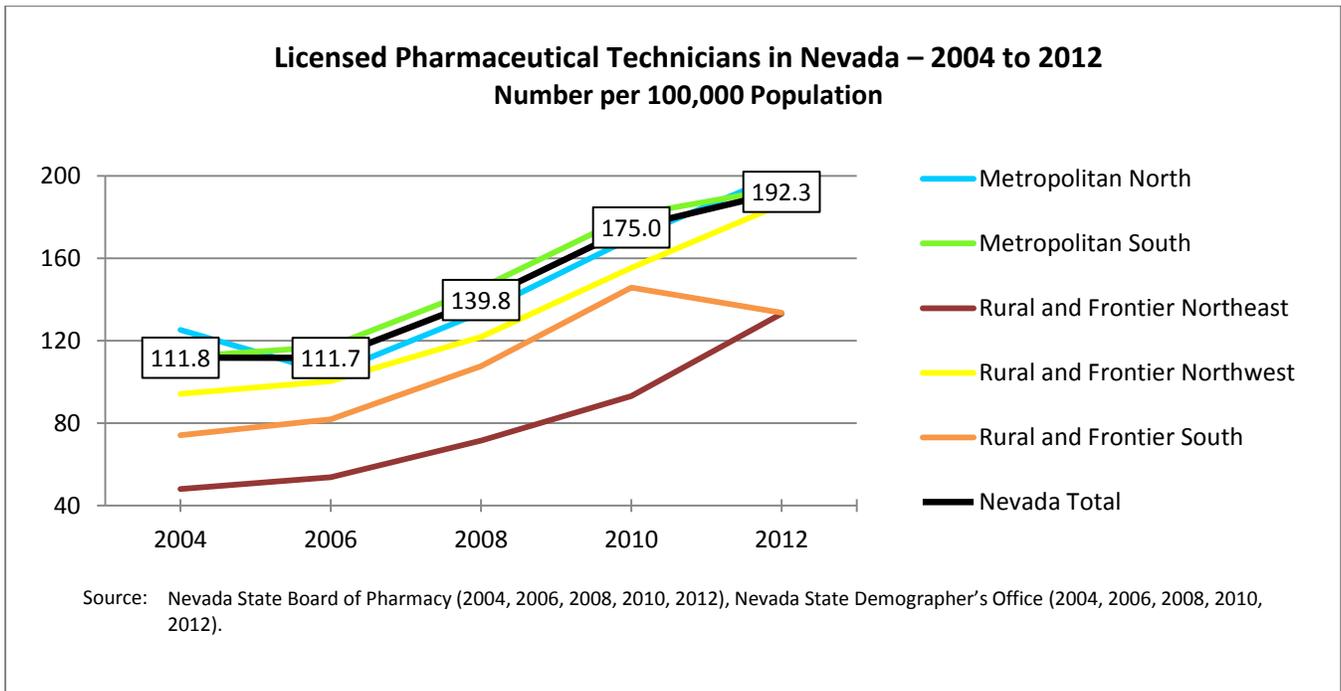
Source: Nevada State Board of Pharmacy (2004, 2012), Nevada State Demographer's Office (2004, 2012).



Licensed Pharmaceutical Technicians in Nevada – 2004 to 2012

Region	Licensed Pharmaceutical Technicians					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	1,925	3,857	1,932	100.4	112.2	193.9
Metropolitan North	615	1,067	452	73.5	125.2	200.6
Rural and Frontier Northeast	30	92	62	206.7	48.1	133.1
Rural and Frontier Northwest	93	203	110	118.3	94.2	186.3
Rural and Frontier South	32	69	37	115.6	74.1	133.6
Nevada – Total	2,695	5,288	2,539	92.6	111.8	192.3

Source: Nevada State Board of Pharmacy (2004, 2012), Nevada State Demographer’s Office (2004, 2012).

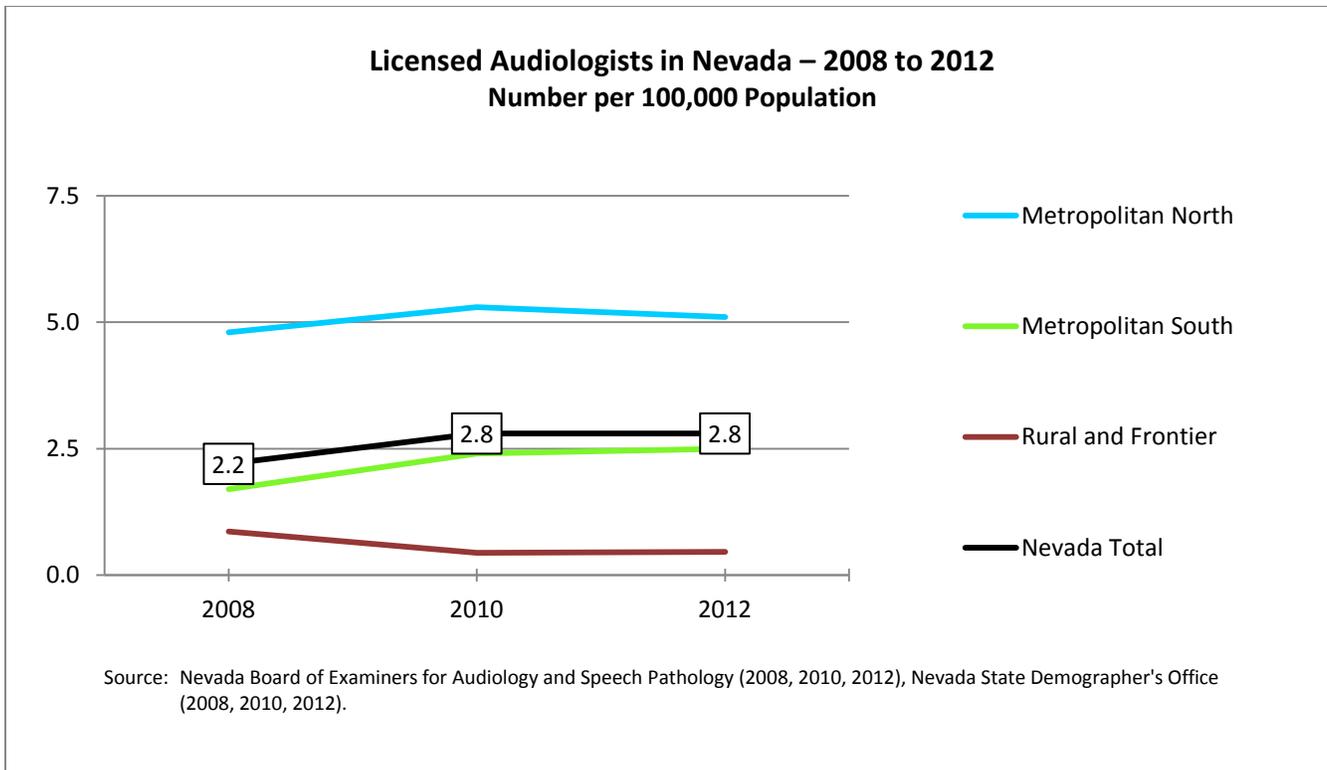


Allied Health Professions

Licensed Audiologists in Nevada – 2008 to 2012

Region	Licensed Audiologists					
	Number		Change – 2008 to 2012		Number per 100,000 Population	
	2008	2012	Number	Percent	2008	2012
Metropolitan South	33	49	16	48.5	1.7	2.5
Metropolitan North	26	27	1	3.8	4.8	5.1
Rural and Frontier Northeast	1	2	1	100.0	1.5	2.9
Rural and Frontier Northwest	1	0	-1	-100.0	0.9	0.0
Rural and Frontier South	0	0	0	0.0	0.0	0.0
Nevada – Total	61	78	17	27.9	2.2	2.8

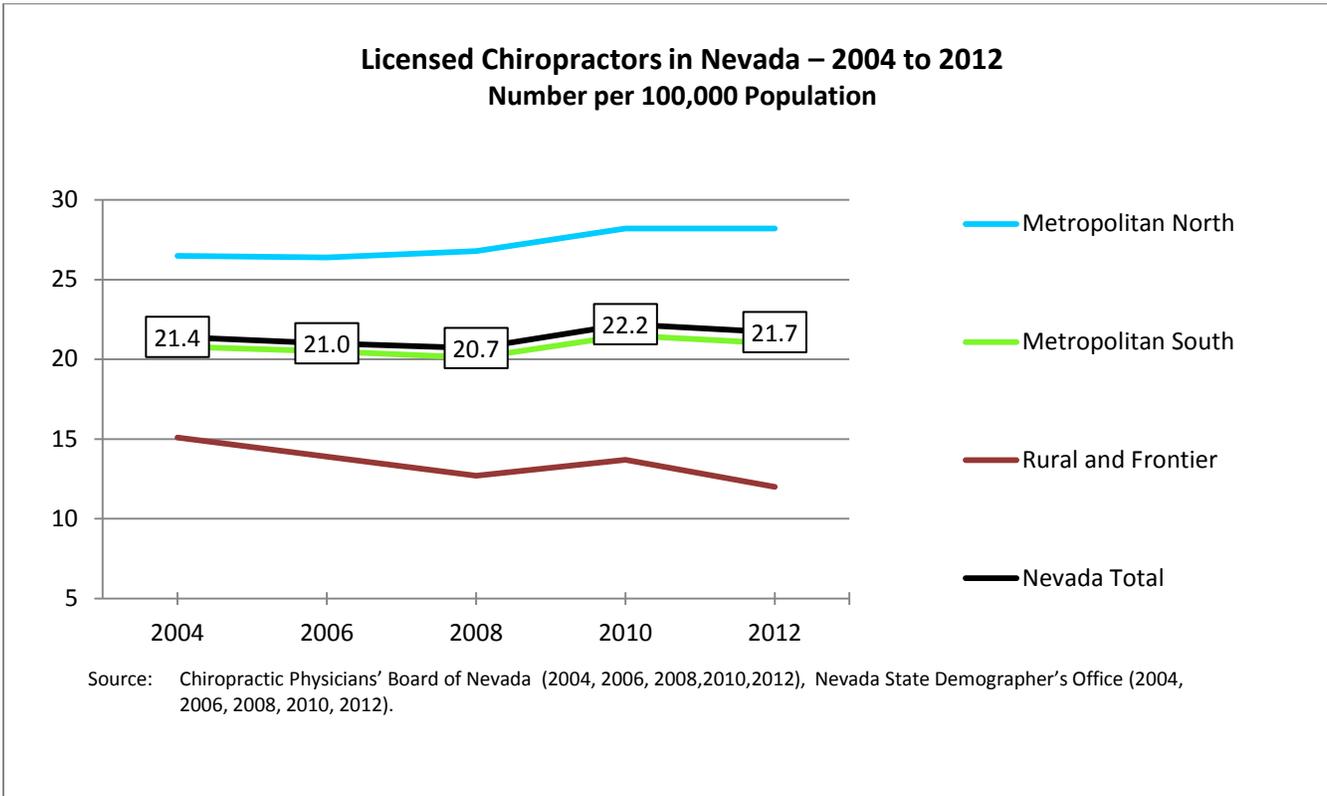
Source: Nevada Board of Examiners for Audiology and Speech Pathology (2008, 2012), Nevada State Demographer's Office (2008, 2012).



Licensed Chiropractors in Nevada – 2004 to 2012

Region	Licensed Chiropractors					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	357	418	61	17.1	20.8	21.0
Metropolitan North	130	150	20	15.4	26.5	28.2
Rural and Frontier Northeast	7	8	1	14.3	11.2	11.6
Rural and Frontier Northwest	13	13	0	0.0	13.2	11.9
Rural and Frontier South	8	7	-1	-12.5	18.5	13.6
Nevada – Total	515	596	81	15.7	21.4	21.7

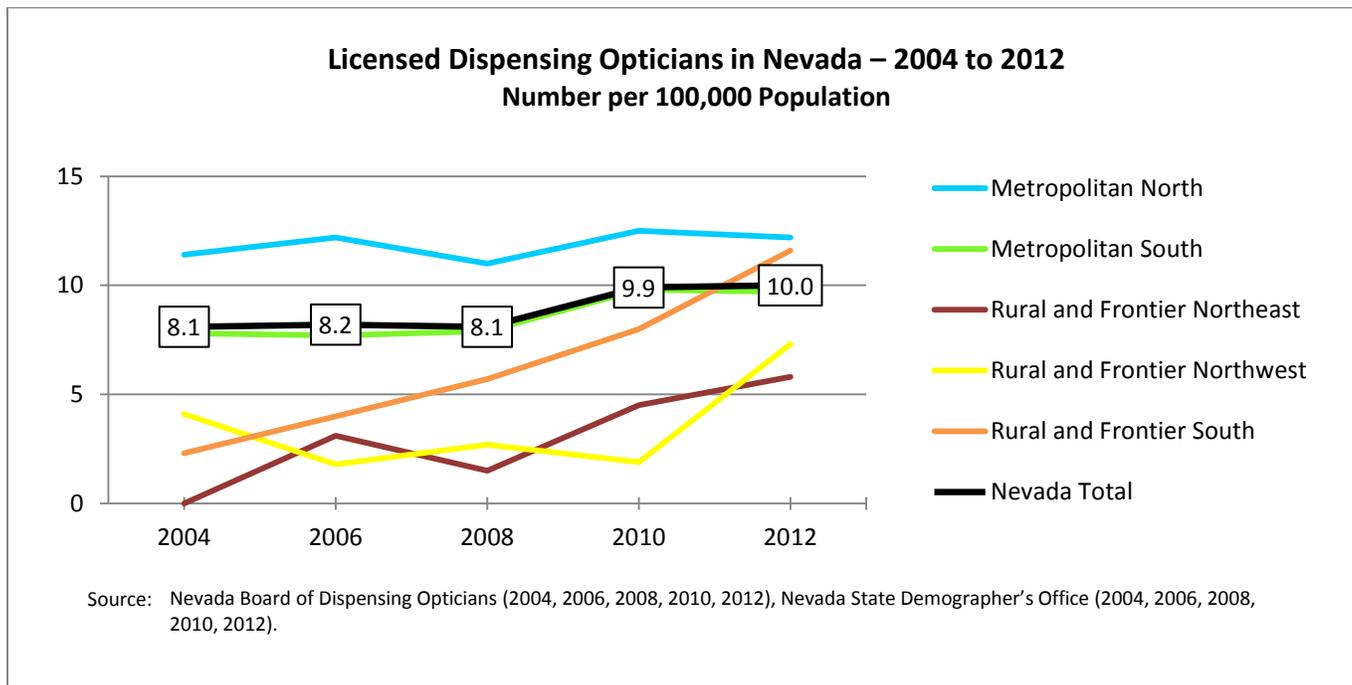
Source: Chiropractic Physicians’ Board of Nevada (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Dispensing Opticians in Nevada – 2004 to 2012

Region	Licensed Dispensing Opticians					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	134	193	59	44.0	7.8	9.7
Metropolitan North	56	65	9	16.1	11.4	12.2
Rural and Frontier Northeast	0	4	4	400.0	0.0	5.8
Rural and Frontier Northwest	4	8	4	100.0	4.1	7.3
Rural and Frontier South	1	6	5	500.0	2.3	11.6
Nevada – Total	195	276	81	41.5	8.1	10.0

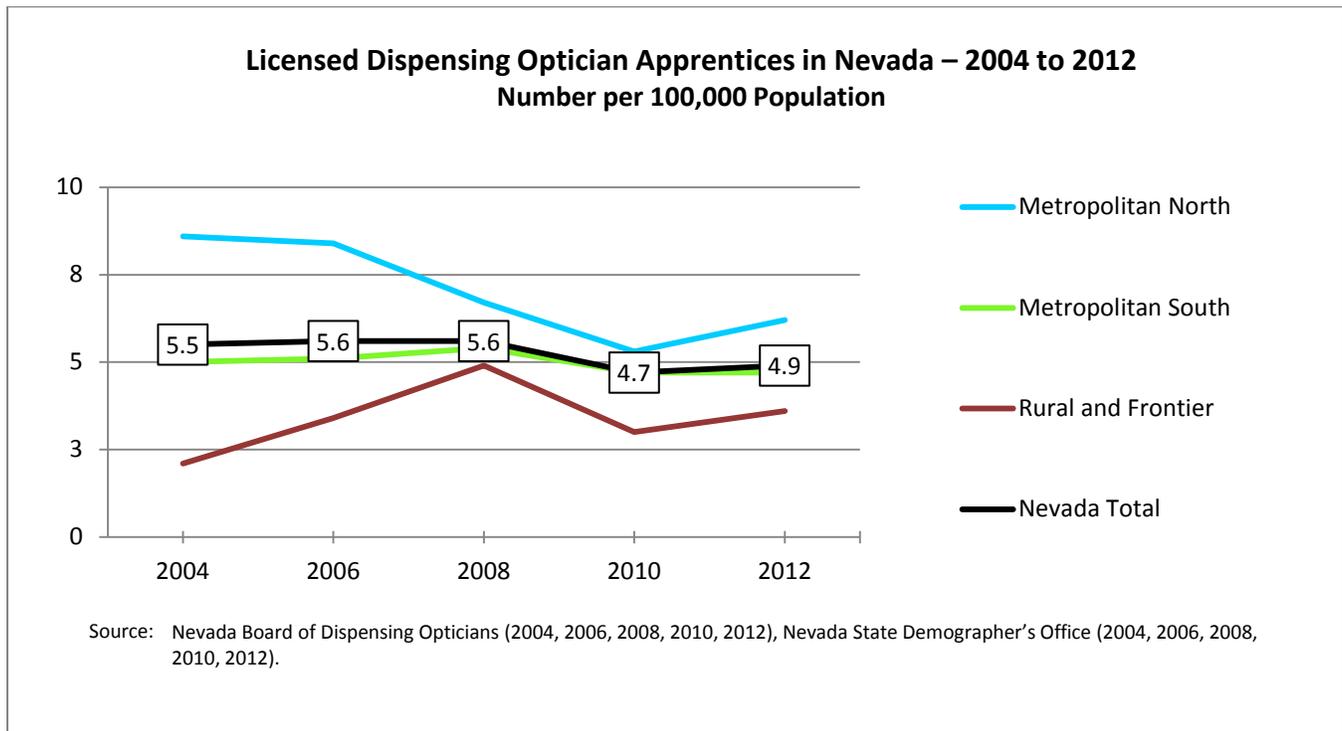
Source: Nevada Board of Dispensing Opticians (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Dispensing Optician Apprentices in Nevada – 2004 to 2012

Region	Licensed Dispensing Optician Apprentices					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	86	94	8	9.3	5.0	4.7
Metropolitan North	42	33	-9	-21.4	8.6	6.2
Rural and Frontier Northeast	0	4	4	400.0	0.0	5.8
Rural and Frontier Northwest	2	2	0	0.0	2.0	1.8
Rural and Frontier South	2	2	0	0.0	4.6	3.9
Nevada – Total	132	135	3	2.3	5.5	4.9

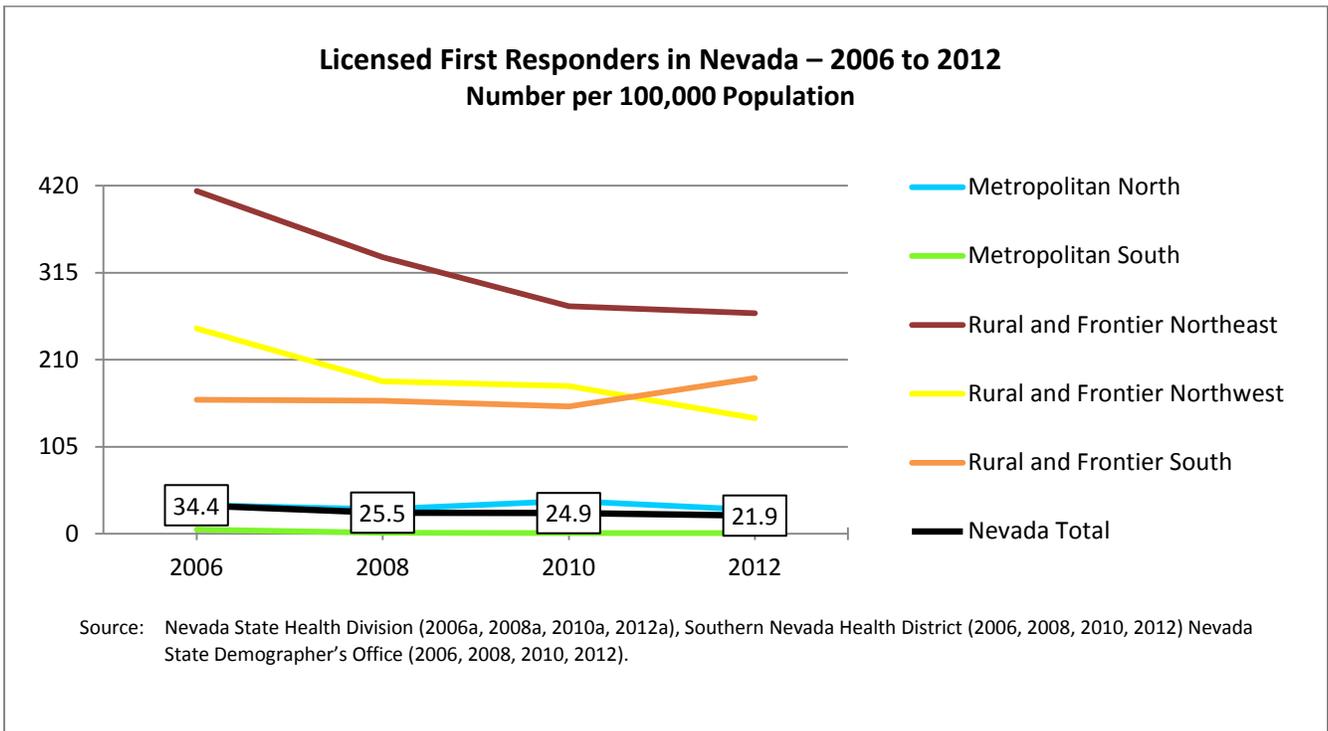
Source: Nevada Board of Dispensing Opticians (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



EMS – Licensed First Responders in Nevada – 2006 to 2012

Region	Licensed First Responders					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	97	14	-83	-85.6	5.2	0.7
Metropolitan North	182	154	-28	-15.4	34.8	29.0
Rural and Frontier Northeast	269	184	-85	-31.6	413.8	266.1
Rural and Frontier Northwest	274	152	-122	-44.5	247.9	139.5
Rural and Frontier South	81	97	16	19.8	161.9	187.8
Nevada – Total	903	601	-302	-33.4	34.4	21.9

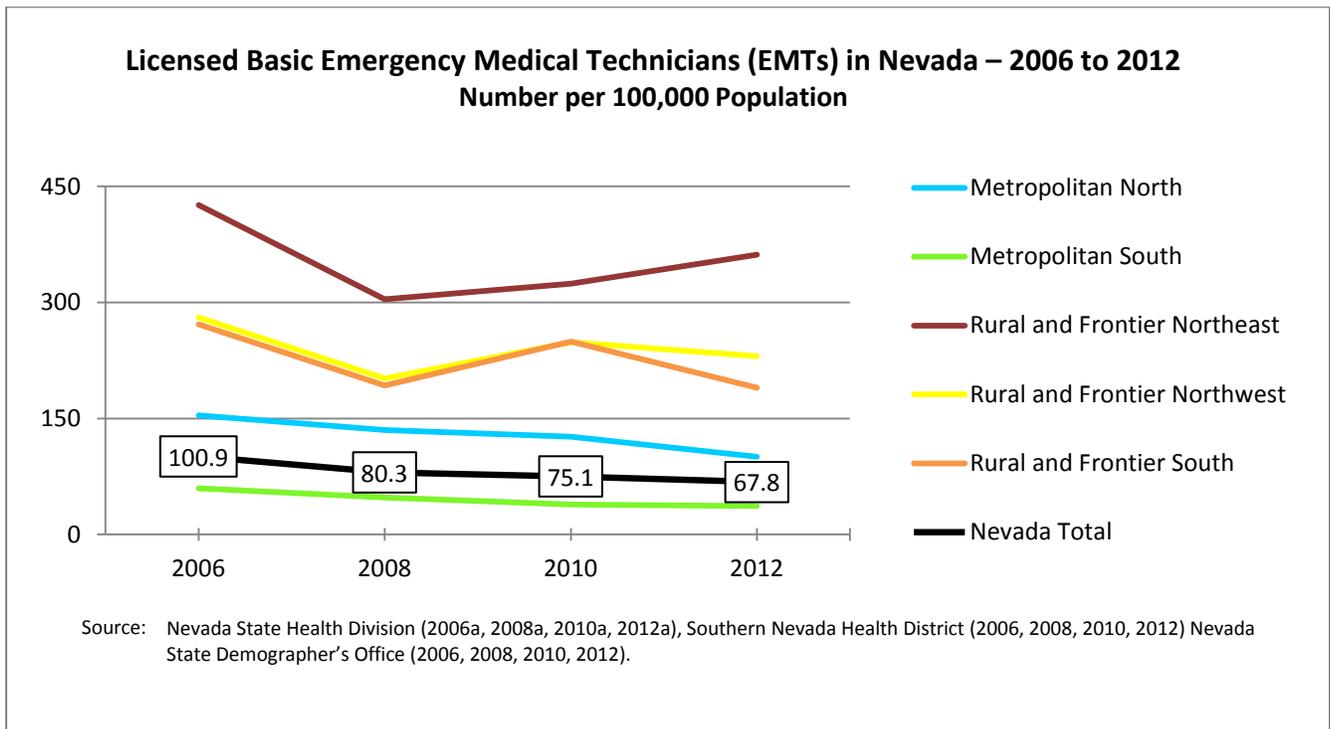
Source: Nevada State Health Division (2006a, 2012a), Southern Nevada Health District (2006, 2012), Nevada State Demographer’s Office (2006, 2012).



EMS – Licensed Basic Emergency Medical Technicians (EMTs) in Nevada – 2006 to 2012

Region	Licensed Basic Emergency Medical Technicians (EMTs)					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	1,119	731	-388	-34.7	59.7	36.8
Metropolitan North	805	535	-270	-33.5	154.0	100.6
Rural and Frontier Northeast	277	250	-27	-9.7	426.1	361.6
Rural and Frontier Northwest	310	251	-59	-19.0	280.5	230.4
Rural and Frontier South	136	98	-38	-27.9	271.8	189.7
Nevada – Total	2,647	1,865	-782	-29.5	100.9	67.8

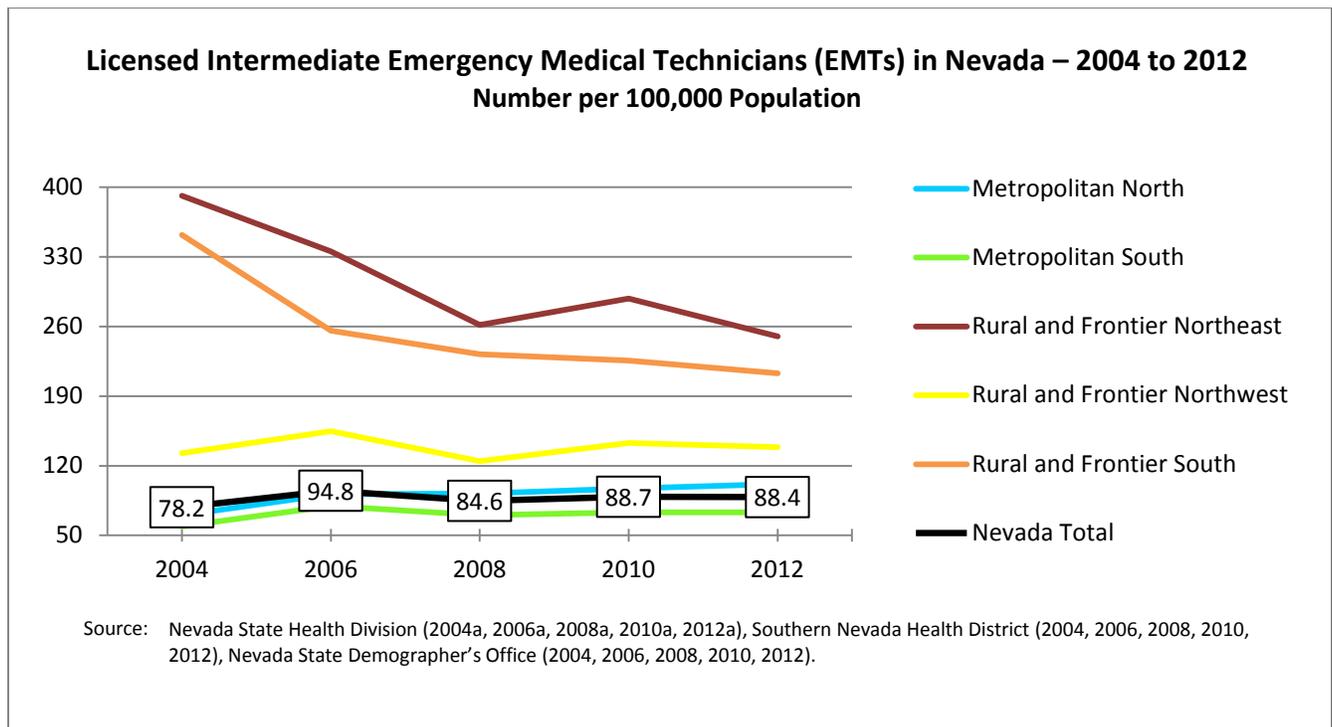
Source: Nevada State Health Division (2006a, 2012a), Southern Nevada Health District (2006, 2012), Nevada State Demographer's Office (2006, 2012).



EMS – Licensed Intermediate Emergency Medical Technicians (EMTs) in Nevada – 2004 to 2012

Region	Licensed Intermediate Emergency Medical Technicians (EMTs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	1,013	1,456	443	43.7	59.1	73.2
Metropolitan North	345	541	196	56.8	70.2	101.7
Rural and Frontier Northeast	244	173	-71	-29.1	391.6	250.2
Rural and Frontier Northwest	131	151	20	15.3	132.7	138.6
Rural and Frontier South	152	110	-42	-27.6	352.0	213.0
Nevada – Total	1,885	2,431	546	29.0	78.2	88.4

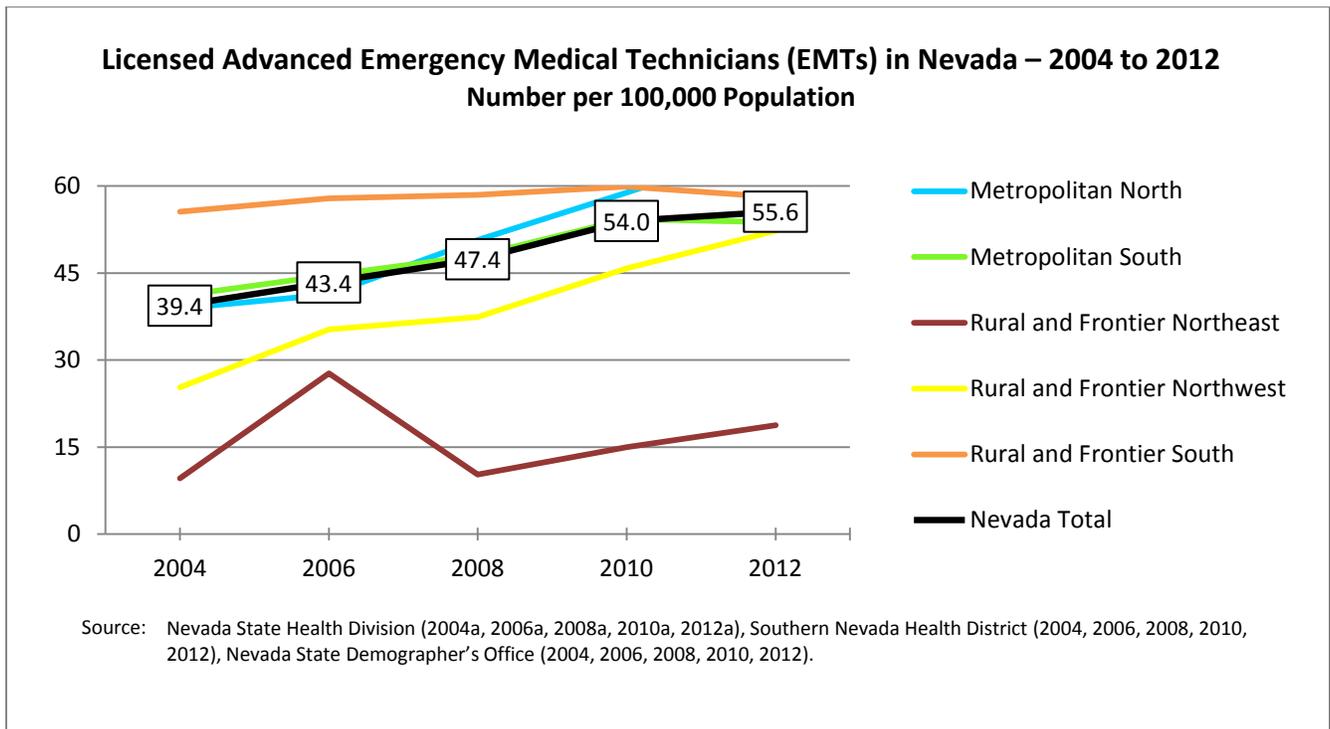
Source: Nevada State Health Division (2004a, 2012a), Southern Nevada Health District (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



EMS – Licensed Advanced Emergency Medical Technicians (EMTs) in Nevada – 2004 to 2012

Region	Licensed Advanced Emergency Medical Technicians (EMTs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	705	1,070	365	51.8	41.1	53.8
Metropolitan North	191	358	167	87.4	38.9	67.3
Rural and Frontier Northeast	6	13	7	116.7	9.6	18.8
Rural and Frontier Northwest	25	57	32	128.0	25.3	52.3
Rural and Frontier South	24	30	6	25.0	55.6	58.1
Nevada – Total	951	1,528	577	60.7	39.4	56.6

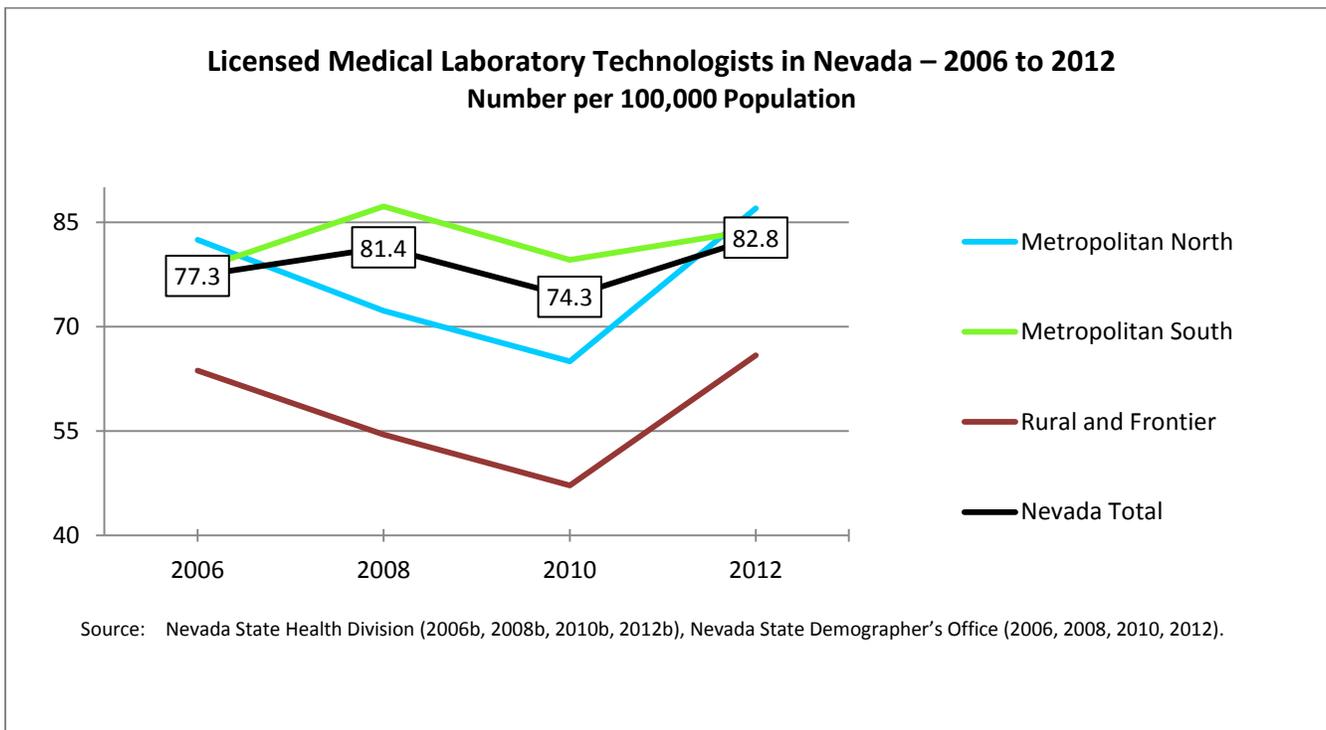
Source: Nevada State Health Division (2004a, 2012a), Southern Nevada Health District (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Medical Laboratory Technologists in Nevada – 2006 to 2012

Region	Licensed Medical Laboratory Technologists					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	1,467	1,668	201	13.7	78.2	83.9
Metropolitan North	431	463	32	7.4	82.5	87.0
Rural and Frontier Northeast	38	41	3	7.9	58.5	59.3
Rural and Frontier Northwest	65	75	10	15.4	58.8	68.8
Rural and Frontier South	27	30	3	11.1	54.0	58.1
Nevada – Total	2,028	2,277	249	12.3	77.3	82.8

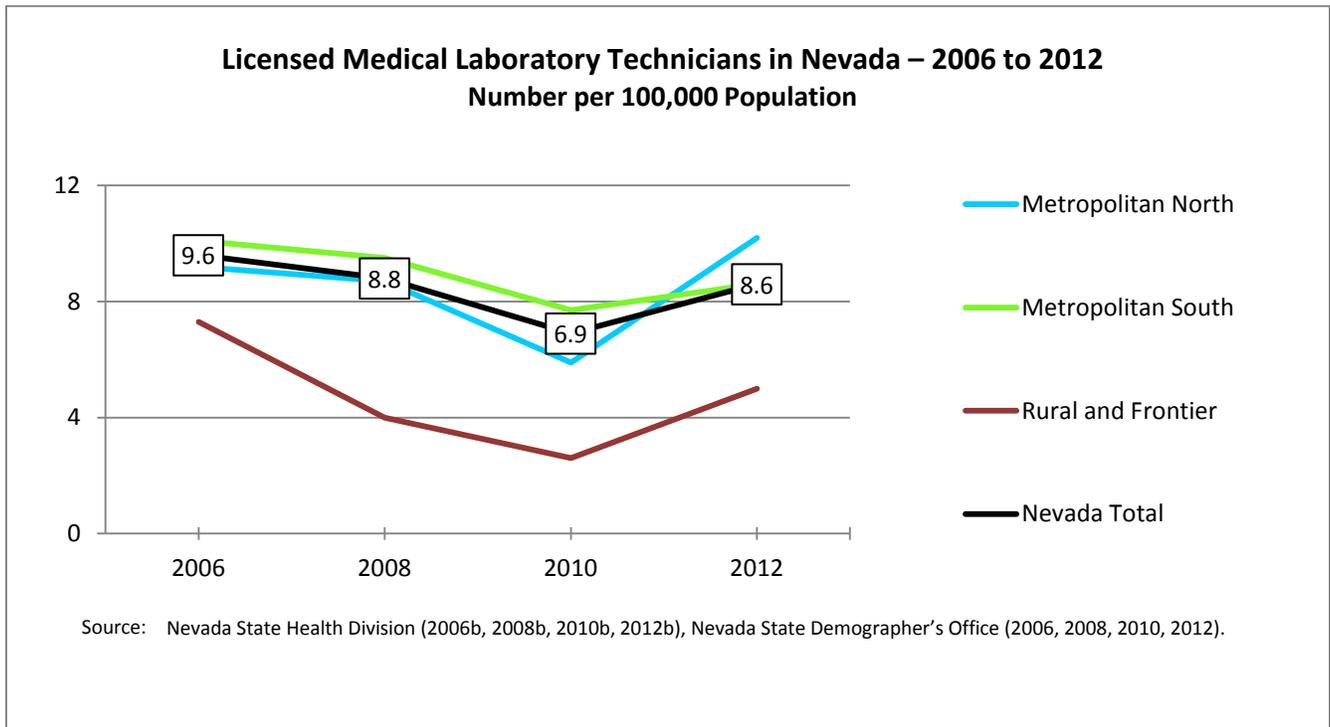
Source: Nevada State Health Division (2006b, 2012b), Nevada State Demographer's Office (2006, 2012).



Licensed Medical Laboratory Technicians in Nevada – 2006 to 2012

Region	Licensed Medical Laboratory Technicians					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	189	171	-18	-9.5	10.1	8.6
Metropolitan North	48	54	6	12.5	9.2	10.2
Rural and Frontier Northeast	4	4	0	0.0	6.2	5.8
Rural and Frontier Northwest	8	6	-2	-25.0	7.2	5.5
Rural and Frontier South	3	1	-2	-66.7	6.0	1.9
Nevada – Total	252	236	-16	-6.3	9.6	8.6

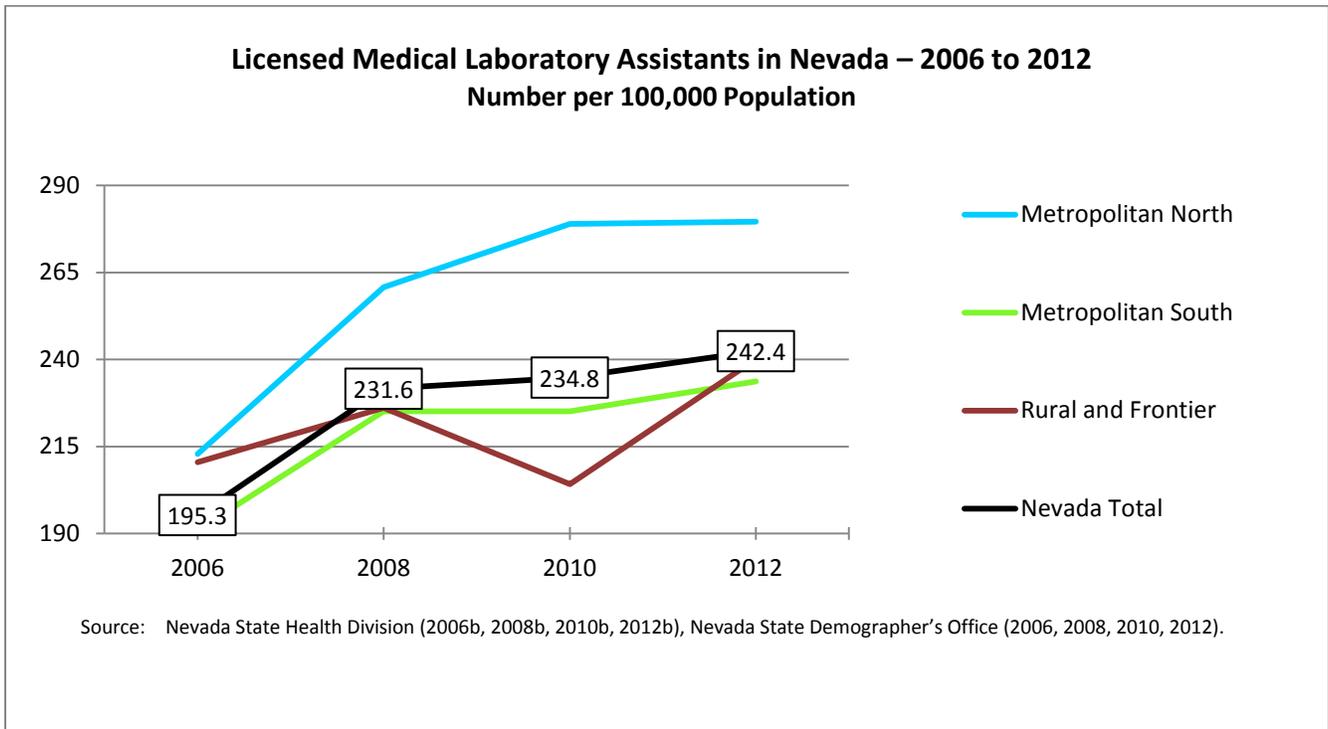
Source: Nevada State Health Division (2006b, 2012b), Nevada State Demographer’s Office (2006, 2012).



Licensed Medical Laboratory Assistants in Nevada – 2006 to 2012

Region	Licensed Medical Laboratory Assistants					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	3,581	4,647	1,066	29.8	191.0	233.7
Metropolitan North	1,113	1,487	374	33.6	212.9	179.6
Rural and Frontier Northeast	129	179	50	38.8	198.4	258.9
Rural and Frontier Northwest	219	262	43	19.6	198.2	240.5
Rural and Frontier South	82	91	9	11.0	163.9	176.2
Nevada – Total	5,124	6,666	1,542	30.1	195.3	242.4

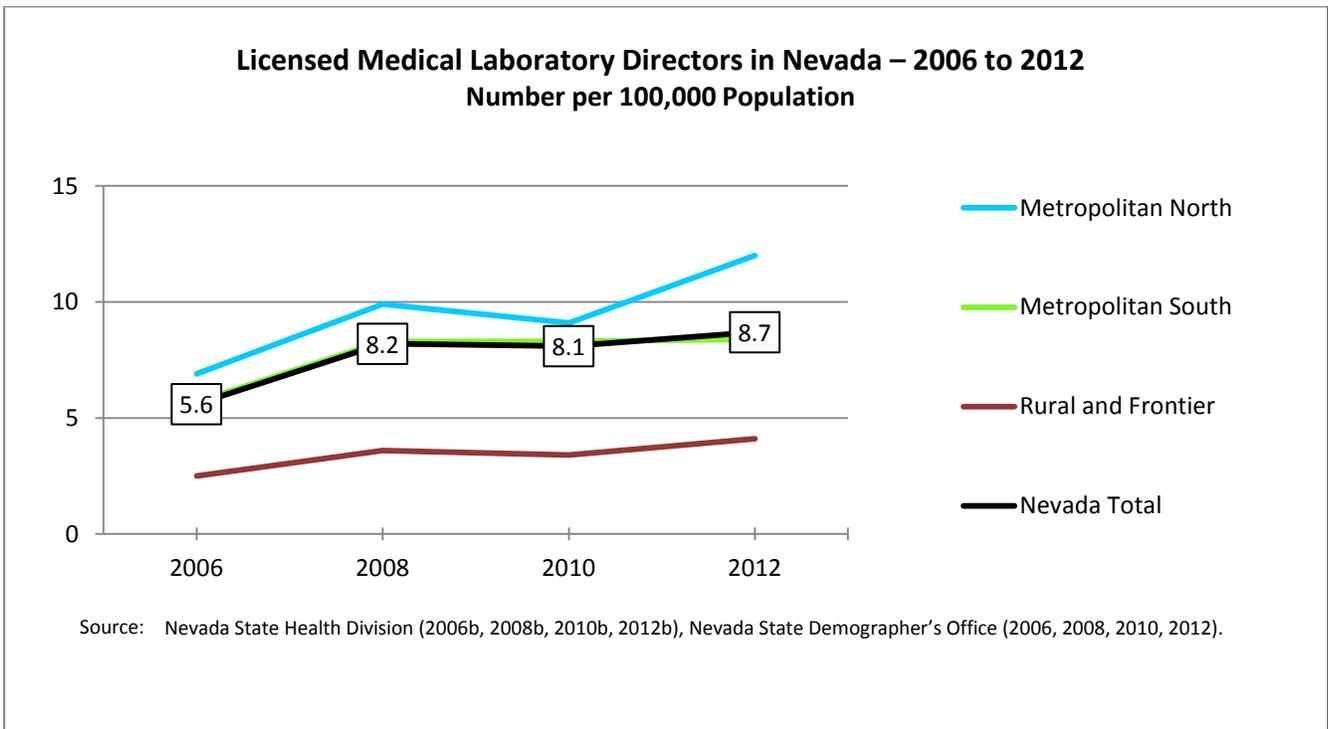
Source: Nevada State Health Division (2006b, 2012b), Nevada State Demographer’s Office (2006, 2012).



Licensed Medical Laboratory Directors in Nevada – 2006 to 2012

Region	Licensed Medical Laboratory Directors					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	106	167	61	57.5	5.7	8.4
Metropolitan North	36	64	28	77.8	6.9	12.0
Rural and Frontier Northeast	3	6	3	100.0	4.6	8.7
Rural and Frontier Northwest	2	2	0	0.0	1.8	1.8
Rural and Frontier South	0	1	1	100.0	0.0	1.9
Nevada – Total	147	240	93	63.3	5.6	8.7

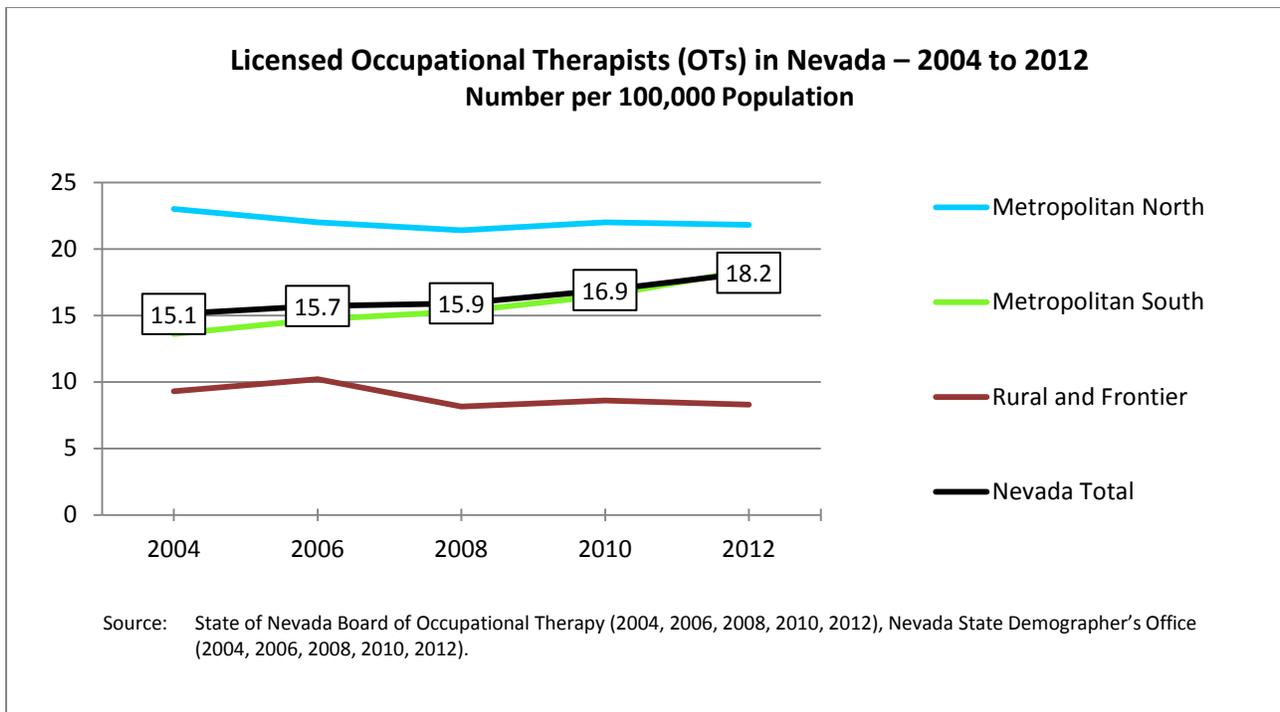
Source: Nevada State Health Division (2006b, 2012b), Nevada State Demographer’s Office (2006, 2012).



Licensed Occupational Therapists (OTs) in Nevada – 2004 to 2012

Region	Licensed Occupational Therapists (OTs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	233	366	133	57.1	13.6	18.4
Metropolitan North	113	116	3	2.7	23.0	21.8
Rural and Frontier Northeast	3	4	1	33.3	4.8	5.8
Rural and Frontier Northwest	15	12	-3	-20.0	15.2	11.0
Rural and Frontier South	1	3	2	200.0	2.3	5.8
Nevada – Total	365	501	136	37.3	15.1	18.2

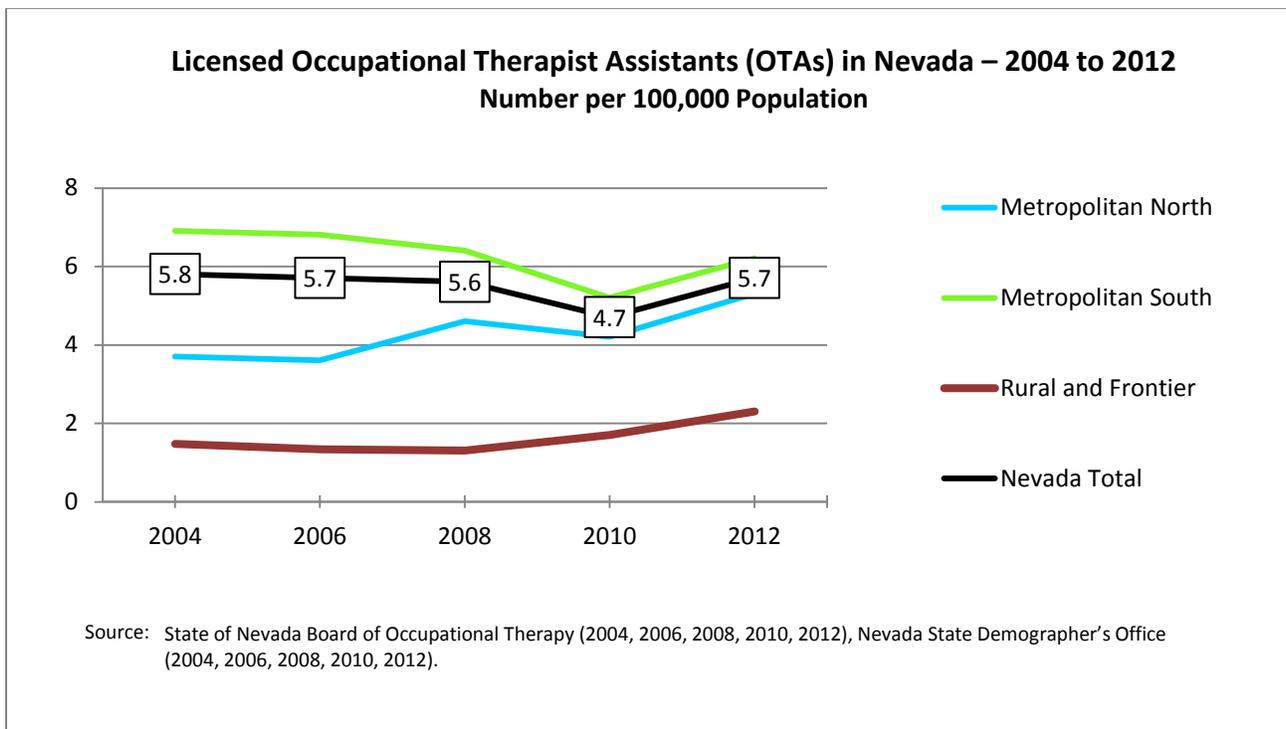
Source: State of Nevada Board of Occupational Therapy (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Occupational Therapist Assistants (OTAs) in Nevada – 2004 to 2012

Region	Licensed Occupational Therapist Assistants (OTAs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	119	124	5	4.2	6.9	6.2
Metropolitan North	18	28	10	55.6	3.7	5.3
Rural and Frontier Northeast	0	0	0	0.0	0.0	0.0
Rural and Frontier Northwest	2	3	1	50.0	2.0	2.8
Rural and Frontier South	1	2	1	100.0	2.3	3.9
Nevada – Total	140	157	17	12.1	5.8	5.7

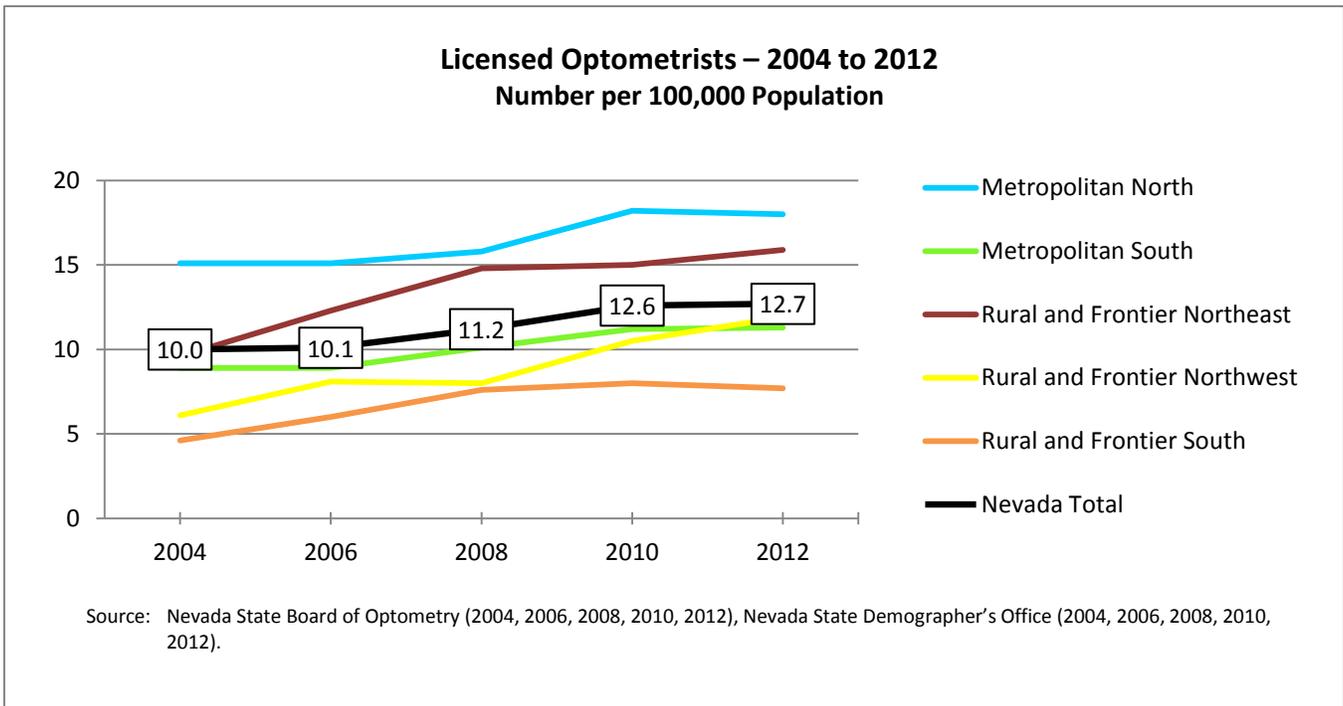
Source: State of Nevada Board of Occupational Therapy (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Optometrists in Nevada – 2004 to 2012

Region	Licensed Optometrists					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	153	225	72	47.1	8.9	11.3
Metropolitan North	74	96	22	29.7	15.1	18.0
Rural and Frontier Northeast	6	11	5	83.3	9.6	15.9
Rural and Frontier Northwest	6	13	7	116.7	6.1	11.9
Rural and Frontier South	2	4	2	100.0	4.6	7.7
Nevada – Total	241	349	108	44.8	10.0	12.7

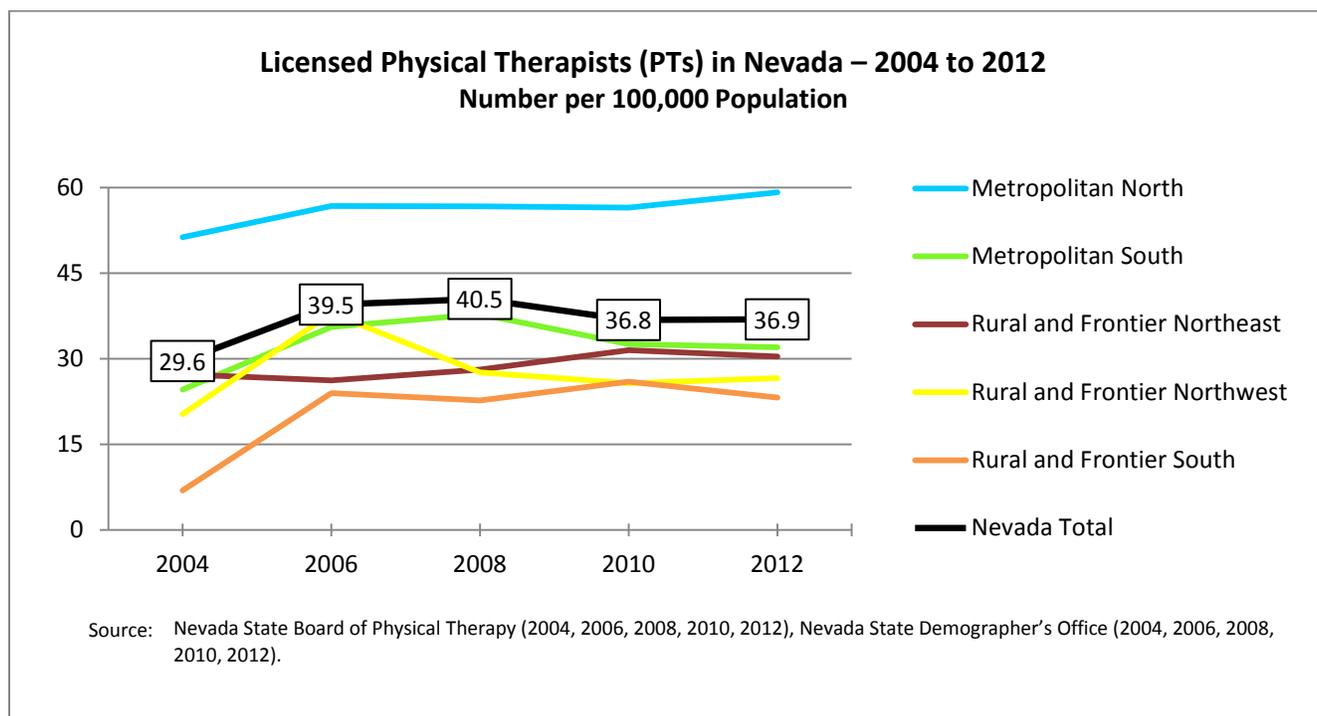
Source: Nevada State Board of Optometry (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Physical Therapists (PTs) in Nevada – 2004 to 2012

Region	Licensed Physical Therapists (PTs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	422	637	215	50.9	24.6	32.0
Metropolitan North	252	315	63	25.0	51.3	59.2
Rural and Frontier Northeast	17	21	4	23.5	27.3	30.4
Rural and Frontier Northwest	20	29	9	45.0	20.3	26.6
Rural and Frontier South	3	12	9	300.0	6.9	23.2
Nevada – Total	714	1,014	300	42.0	29.6	36.9

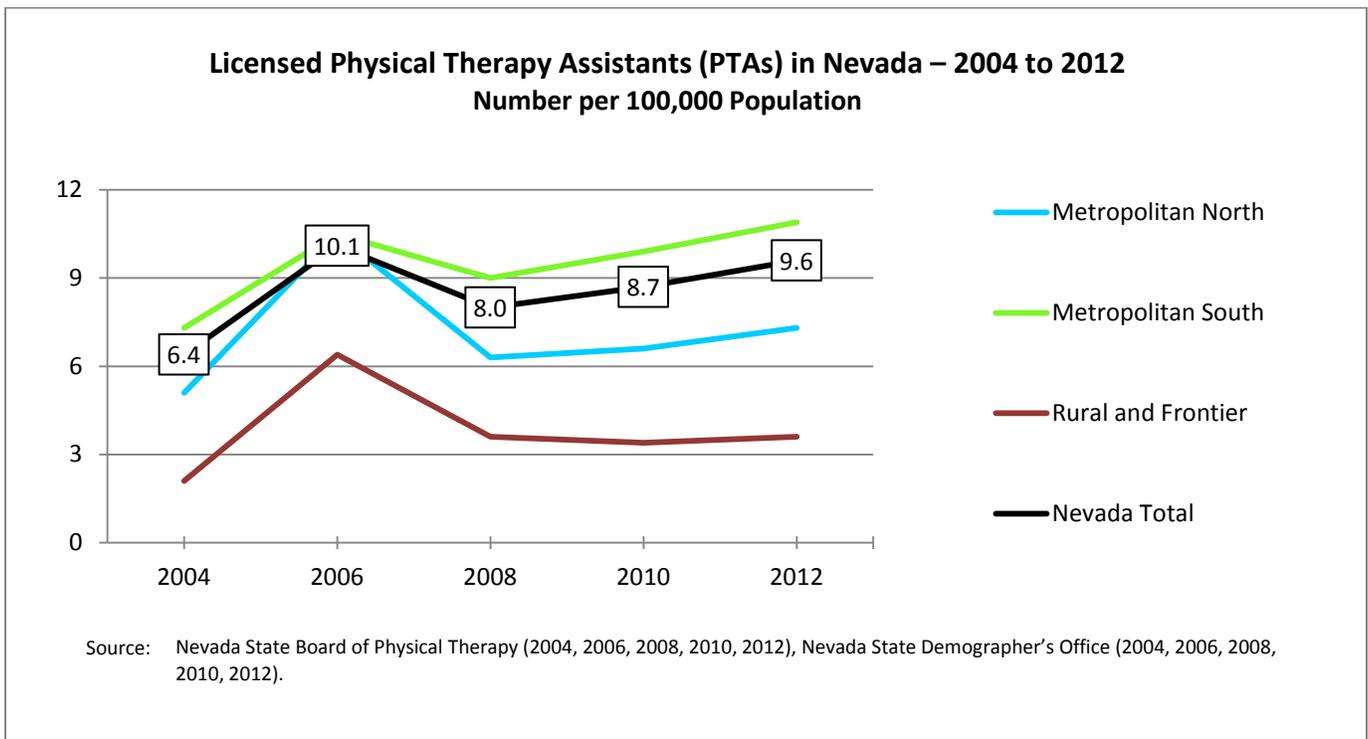
Source: Nevada State Board of Physical Therapy (2004, 2012), Nevada State Demographer's Office (2004, 2012).



Licensed Physical Therapy Assistants (PTAs) in Nevada – 2004 to 2012

Region	Licensed Physical Therapy Assistants (PTAs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	125	216	91	72.8	7.3	10.9
Metropolitan North	25	39	14	56.0	5.1	7.3
Rural and Frontier Northeast	1	1	0	0.0	1.6	1.4
Rural and Frontier Northwest	2	4	2	100.0	2.0	3.7
Rural and Frontier South	1	3	2	200.0	2.3	5.8
Nevada – Total	154	263	109	70.8	6.4	9.6

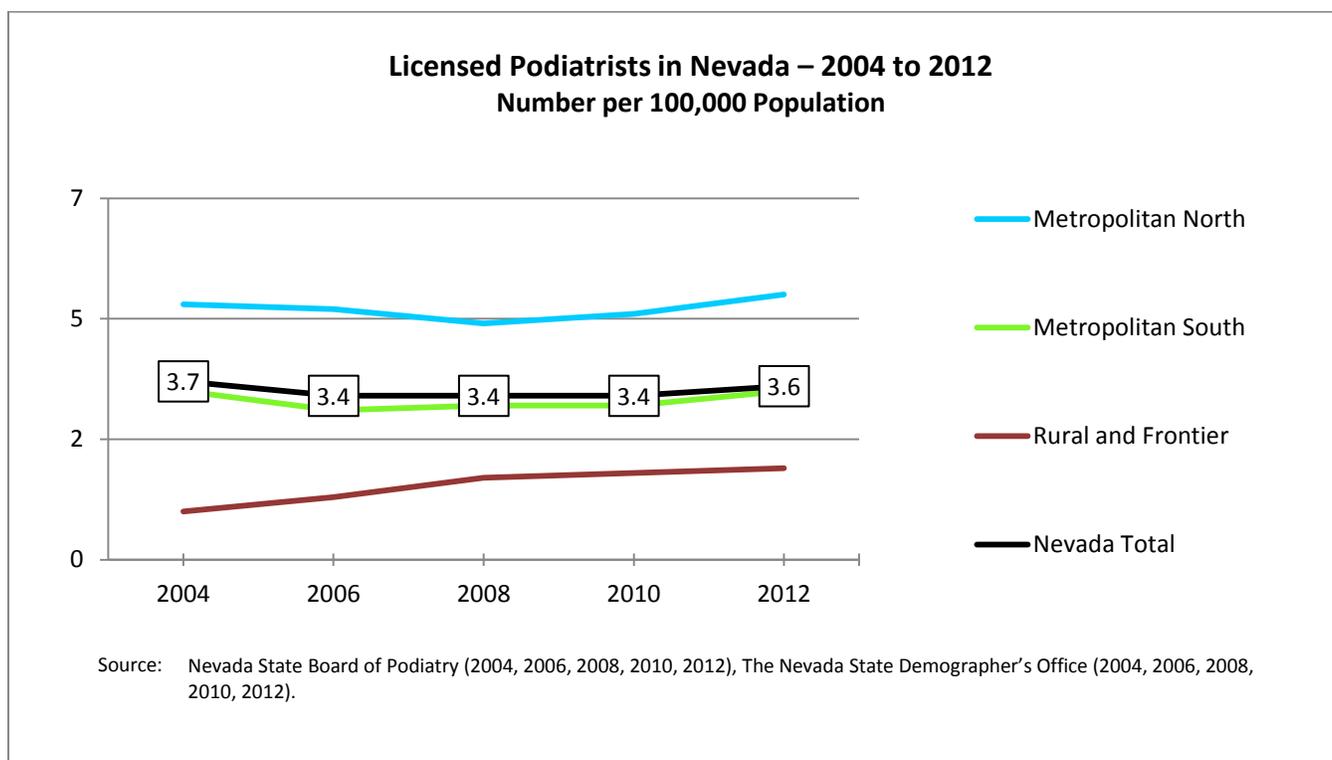
Source: Nevada State Board of Physical Therapy (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Podiatrists in Nevada – 2004 to 2012

Region	Licensed Podiatrists					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	60	68	8	13.3	3.5	3.5
Metropolitan North	26	26	0	0.0	5.3	5.5
Rural and Frontier Northeast	2	3	1	50.0	3.2	5.1
Rural and Frontier Northwest	0	0	0	0.0	0.0	0.0
Rural and Frontier South	0	1	1	100.0	0.0	2.0
Nevada – Total	88	98	10	11.4	3.7	3.6

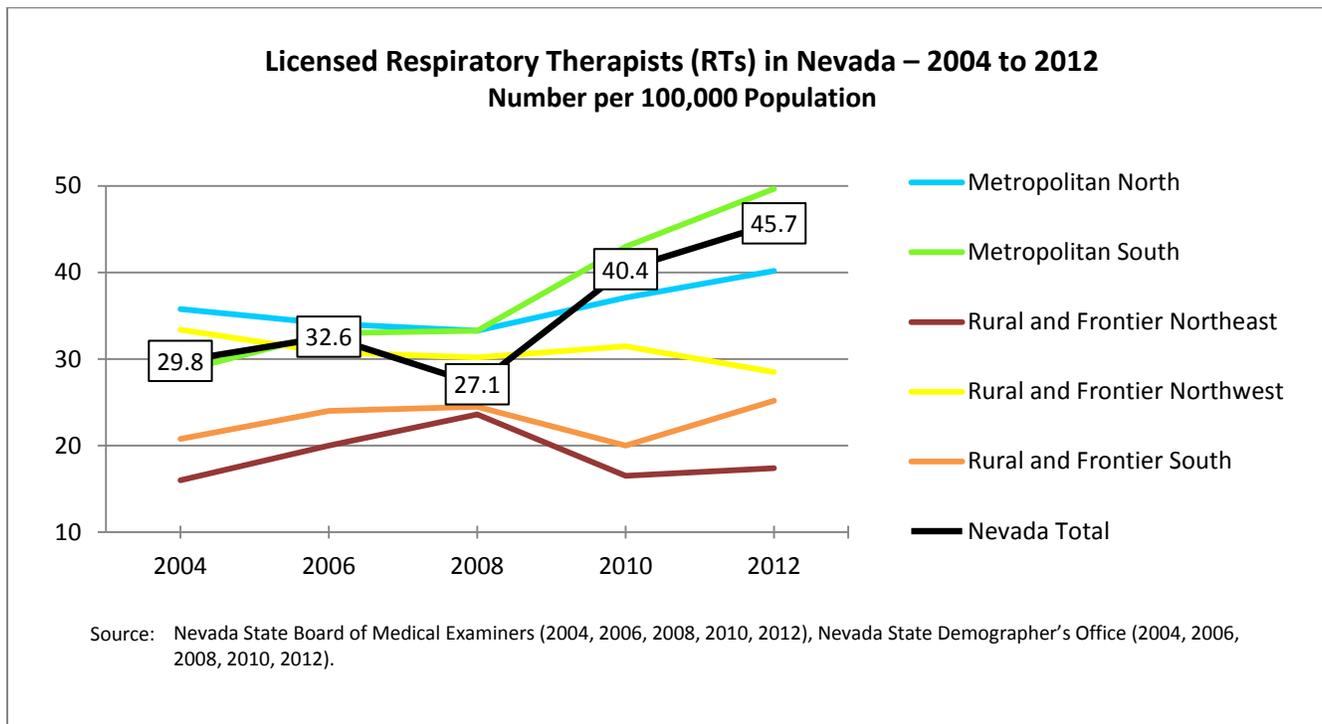
Source: Nevada State Board of Podiatry (2004, 2012), The Nevada State Demographer’s Office (2004, 2012).



Licensed Respiratory Therapists (RTs) in Nevada – 2004 to 2012

Region	Licensed Respiratory Therapists (RTs)					
	Number		Change – 2004 to 2012		Number per 100,000 Population	
	2004	2012	Number	Percent	2004	2012
Metropolitan South	491	988	497	101.2	28.6	49.7
Metropolitan North	176	214	38	21.6	35.8	40.2
Rural and Frontier Northeast	10	12	2	20.0	16.0	17.4
Rural and Frontier Northwest	33	31	-2	-6.1	33.4	28.5
Rural and Frontier South	9	13	4	44.4	20.8	25.2
Nevada – Total	719	1,258	539	75.0	29.8	45.7

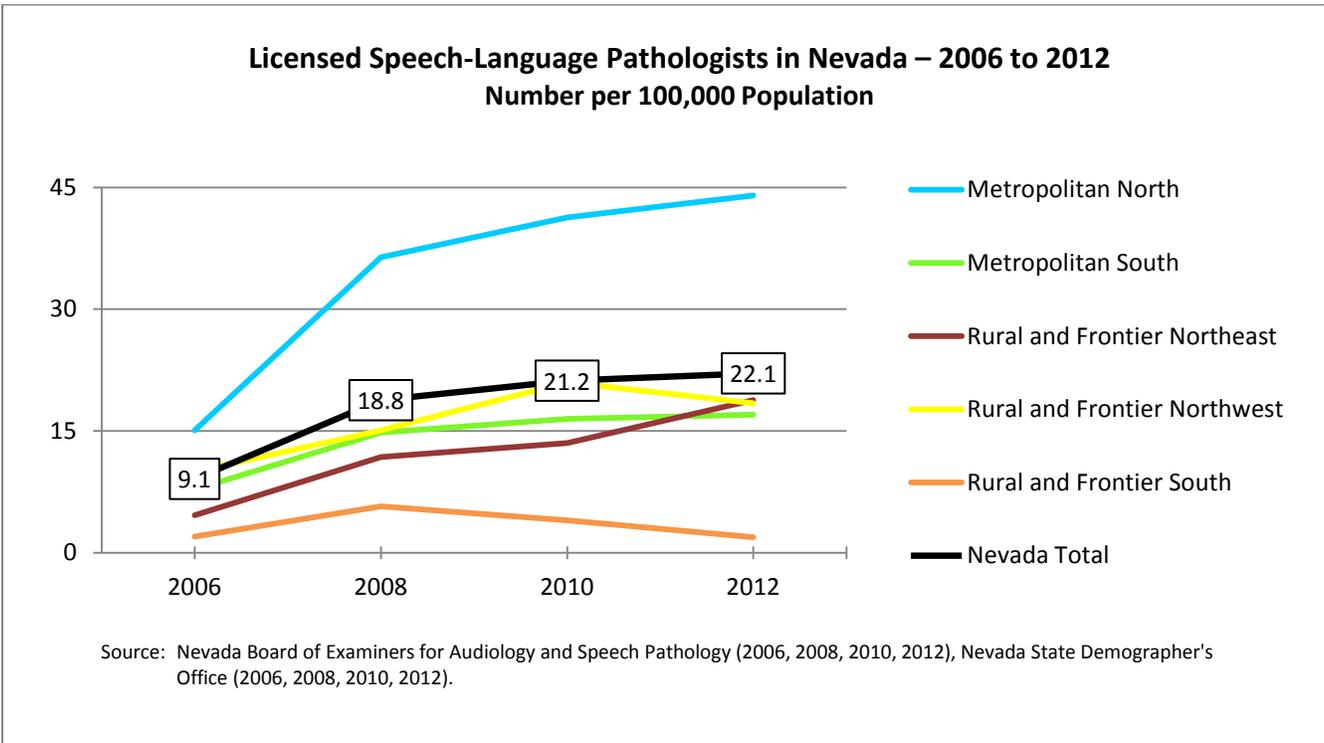
Source: Nevada State Board of Medical Examiners (2004, 2012), Nevada State Demographer’s Office (2004, 2012).



Licensed Speech-Language Pathologists in Nevada – 2006 to 2012

Region	Licensed Speech-Language Pathologists					
	Number		Change – 2006 to 2012		Number per 100,000 Population	
	2006	2012	Number	Percent	2006	2012
Metropolitan South	146	339	193	132.2	7.8	17.0
Metropolitan North	79	234	155	196.2	15.1	44.0
Rural and Frontier Northeast	3	13	10	333.3	4.6	18.8
Rural and Frontier Northwest	11	20	9	81.8	10.0	18.4
Rural and Frontier South	1	1	0	0.0	2.0	1.9
Nevada – Total	240	607	367	152.9	9.1	22.1

Source: Nevada Board of Examiners for Audiology and Speech Pathology (2006, 2012), Nevada State Demographer’s Office (2006, 2012).



Health Workforce in Nevada – 2013 Edition

Appendix 3 – State Health Workforce Rankings

Appendix 3 – *State Health Workforce Rankings* – contains the most current state health workforce rankings of licensed health professionals per capita. The state health workforce rankings are drawn from the following three sources:

- Association of American Medical Colleges. *State Physician Workforce Data Book* (2011). Washington DC: AAMC.
- National Center for the Analysis of Healthcare Data (2012). Unpublished data.
- O’Leary Morgan, Kathleen, and Scott Morgan, editors. *Health Care State Rankings* (2011). Washington DC: CQ Press.

Most of the rankings contained in this appendix are for the calendar year 2009. Some of the physician rankings are from the calendar year 2010. Some of the physician rankings contain data for both allopathic (MDs) and osteopathic physicians (DOs). Most of the physician rankings by medical and surgical specialty are limited to MDs. All rankings refer to health professionals with an active license to practice in their respective states.

The 39 tables contained in *Appendix 3 – State Health Workforce Rankings* – are organized in the following order:

Medicine and Primary Care Workforce Rankings

- Physicians per 100,000 Population – 2010
- Patient Care Physicians per 100,000 Population – 2010
- Primary Care Physicians per 100,000 Population – 2010
- Patient Care Primary Care Physicians per 100,000 Population – 2010
- Residents and Fellows in ACGME-Accredited Programs per 100,000 Population – 2010
- Residents and Fellows in ACGME-Accredited Primary Care Programs per 100,000 Population – 2010
- Physicians Retained from Undergraduate Medical Education (UME) per 100,000 Population – 2010
- Physicians Retained from Graduate Medical Education (GME) per 100,000 Population – 2010
- Physicians Retained from Undergraduate Medical Education (UME) and Graduate Medical Education (GME) Combined per 100,000 Population – 2010
- Physicians in Medical Specialties per 100,000 Population – 2009
- Physicians in Surgical Specialties per 100,000 Population – 2009
- Physicians in Anesthesiology per 100,000 Population – 2009

- Physicians in General Surgery per 100,000 Population – 2009
- Physicians in General/Family Practice per 100,000 Population – 2009
- Physicians in Internal Medicine per 100,000 Population – 2009
- Physicians in Obstetrics and Gynecology per 100,000 Population – 2009
- Physicians in Ophthalmology per 100,000 Population – 2009
- Physicians in Orthopedic Surgery per 100,000 Population – 2009
- Physicians in Pediatrics per 100,000 Population – 2009
- Physicians in Plastic Surgery per 100,000 Population – 2009
- Physician Assistants in Clinical Practice per 100,000 Population – 2009

Nursing Workforce Rankings

- Registered Nurses per 100,000 Population – 2009
- Nurse Practitioners per 100,000 Population – 2009
- Clinical Nurse Specialists per 100,000 Population – 2009
- Certified Nurse Midwives per 100,000 Population – 2009
- Certified Nurse Anesthetists per 100,000 Population – 2009
- Licensed Practical Nurses per 100,000 Population – 2009

Oral Health Workforce Rankings

- Dentists per 100,000 Population – 2009
- Registered Dental Hygienists per 100,000 Population – 2009

Mental and Behavioral Health Workforce Rankings

- Physicians in Psychiatry per 100,000 Population – 2009
- Psychologists per 100,000 Population – 2009

Allied Health Workforce Rankings

- Audiologists per 100,000 Population – 2009
- Chiropractors per 100,000 Population – 2009
- Emergency Medical Technicians (EMTs) and Paramedics per 100,000 Population – 2009
- Optometrists per 100,000 Population – 2009
- Pharmacists per 100,000 Population – 2009
- Physical Therapists per 100,000 Population – 2009
- Podiatrists per 100,000 Population – 2009
- Speech-Language Pathologists per 100,000 Population – 2009

Medicine and Primary Care Workforce Rankings

Physicians per 100,000 Population – 2010

State	Total Physicians			MDs		DOs	
	Number	Number per 100,000 Pop.	Rank	Number	Number per 100,000 Pop.	Number	Number per 100,000 Pop.
Massachusetts	27,550	415.5	1	26,912	405.8	627	9.5
Maryland	21,153	368.7	2	20,511	357.5	641	11.2
New York	68,042	347.5	3	64,943	331.7	3,093	15.8
Rhode Island	3,515	332.6	4	3,303	312.5	210	19.9
Connecticut	11,678	331.1	5	11,282	319.9	396	11.2
Vermont	2,008	322.6	6	1,945	312.5	63	10.1
Maine	4,031	307.0	7	3,420	260.5	611	46.5
Hawaii	3,970	305.4	8	3,782	290.9	188	14.5
Pennsylvania	38,207	302.4	9	32,857	260.1	5,348	42.3
New Jersey	25,629	293.5	10	23,000	263.4	2,629	30.1
New Hampshire	3,872	292.6	11	3,613	273.0	257	19.4
Oregon	10,594	274.8	12	9,967	258.5	627	16.3
Minnesota	14,262	269.6	13	13,791	260.7	470	8.9
Delaware	2,393	268.4	14	2,124	238.3	269	30.2
Michigan	26,325	265.1	15	21,595	217.4	4,727	47.6
Ohio	30,485	264.3	16	26,819	232.6	3,665	31.8
Washington	17,796	263.8	17	16,910	250.7	878	13.0
Colorado	13,243	259.9	18	12,202	239.5	1,041	20.4
Illinois	33,594	259.5	19	31,421	242.7	2,170	16.8
California	95,198	255.5	20	91,497	245.5	3,697	9.9
Virginia	20,270	254.9	21	19,426	244.3	842	10.6
Florida	47,590	254.8	22	43,651	233.7	3,933	21.1
Wisconsin	14,319	252.6	23	13,512	238.4	804	14.2
Missouri	14,825	246.6	24	12,932	215.1	1,892	31.5
West Virginia	4,485	245.7	25	3,815	209.0	670	36.7
Alaska	1,721	242.8	26	1,565	220.8	156	22.0
Tennessee	15,302	241.4	27	14,720	232.2	581	9.2
North Dakota	1,558	238.3	28	1,499	229.3	59	9.0
North Carolina	22,367	236.5	29	21,561	227.9	806	8.5
Louisiana	10,541	232.7	30	10,425	230.2	116	2.6
New Mexico	4,673	229.8	31	4,418	217.2	255	12.5
Montana	2,232	227.7	32	2,077	211.9	155	15.8
Arizona	14,694	220.1	33	13,027	195.1	1,665	24.9
Nebraska	3,981	219.8	34	3,829	211.4	150	8.3
Kentucky	9,479	218.4	35	9,039	208.3	439	10.1
South Dakota	1,779	216.9	36	1,662	202.7	117	14.3
South Carolina	9,922	215.8	37	9,485	206.3	437	9.5
Indiana	13,900	215.7	38	13,052	202.5	847	13.1
Kansas	6,058	213.2	39	5,467	192.4	591	20.8
Iowa	6,294	208.2	40	5,204	172.1	1,090	36.1
Georgia	20,511	207.0	41	19,674	198.6	836	8.4
Texas	51,691	205.0	42	48,255	191.4	3,435	13.6
Alabama	9,508	201.0	43	9,126	193.0	382	8.1
Oklahoma	7,406	198.8	44	5,873	157.7	1,532	41.1
Nevada	5,264	198.3	45	4,771	179.7	493	18.6
Utah	5,598	197.8	46	5,288	186.8	310	11.0
Wyoming	1,057	193.0	47	975	178.0	82	15.0
Arkansas	5,518	189.6	48	5,265	180.9	253	8.7
Idaho	2,873	184.2	49	2,610	167.3	263	16.9
Mississippi	5,221	176.4	50	4,916	166.1	304	10.3
District of Columbia	5,327	872.4	Not Ranked	5,211	853.4	116	19.0
United States	799,509	258.7	Not Ranked	744,224	240.8	55,218	17.9

Source: Association of American Medical Colleges (2011).

Patient Care Physicians per 100,000 Population – 2010

State	Total Patient Care Physicians			Patient Care MDs		Patient Care DOs	
	Number	Number per 100,000 Pop.	Rank	Number	Number per 100,000 Pop.	Number	Number per 100,000 Pop.
Massachusetts	20,878	314.8	1	20,372	307.2	500	7.5
Maryland	16,120	281.0	2	15,616	272.2	503	8.8
New York	54,306	277.4	3	51,767	264.4	2,535	12.9
Connecticut	9,628	273.0	4	9,298	263.6	330	9.4
Maine	3,572	272.1	5	3,029	230.7	543	41.4
Vermont	1,685	270.7	6	1,632	262.2	53	8.5
Rhode Island	2,843	269.0	7	2,669	252.5	174	16.5
Hawaii	3,452	265.5	8	3,294	253.4	158	12.2
New Hampshire	3,407	257.4	9	3,174	239.8	232	17.5
New Jersey	21,958	251.4	10	19,655	225.1	2,303	26.4
Pennsylvania	31,250	247.4	11	26,679	211.2	4,571	36.2
Oregon	9,243	239.7	12	8,675	225.0	568	14.7
Minnesota	12,363	233.7	13	11,932	225.5	431	8.1
Delaware	2,079	233.2	14	1,851	207.6	228	25.6
Colorado	11,663	228.9	15	10,698	210.0	965	18.9
Washington	15,366	227.8	16	14,569	216.0	789	11.7
Florida	42,302	226.5	17	38,785	207.7	3,514	18.8
Michigan	22,344	225.0	18	18,187	183.1	4,157	41.9
Wisconsin	12,675	223.6	19	11,953	210.9	721	12.7
Alaska	1,575	222.2	20	1,435	202.4	140	19.7
Virginia	17,570	220.9	21	16,855	212.0	714	9.0
Ohio	25,315	219.5	22	22,262	193.0	3,053	26.5
California	81,017	217.4	23	77,870	209.0	3,147	8.4
North Dakota	1,418	216.9	24	1,365	208.8	53	8.1
Illinois	27,935	215.8	25	26,125	201.8	1,809	14.0
Montana	2,101	214.4	26	1,955	199.5	146	14.9
West Virginia	3,841	210.4	27	3,264	178.8	577	31.6
Tennessee	13,307	210.0	28	12,800	202.0	507	8.0
Missouri	12,514	208.2	29	10,817	179.9	1,697	28.2
North Carolina	19,096	201.9	30	18,410	194.6	686	7.3
Louisiana	9,109	201.1	31	9,017	199.1	92	2.0
South Dakota	1,636	199.5	32	1,533	186.9	103	12.6
New Mexico	3,987	196.0	33	3,757	184.7	230	11.3
Indiana	12,536	194.5	34	11,764	182.5	772	12.0
South Carolina	8,902	193.6	35	8,520	185.3	382	8.3
Arizona	12,904	193.3	36	11,432	171.2	1,471	22.0
Kentucky	8,318	191.7	37	7,967	183.6	351	8.1
Nebraska	3,444	190.2	38	3,310	182.8	134	7.4
Kansas	5,339	187.9	39	4,809	169.3	530	18.7
Iowa	5,459	180.6	40	4,443	147.0	1,016	33.6
Georgia	17,823	179.9	41	17,100	172.6	723	7.3
Wyoming	979	178.8	42	912	166.5	67	12.2
Oklahoma	6,655	178.7	43	5,286	141.9	1,369	36.8
Nevada	4,728	178.1	44	4,292	161.7	436	16.4
Alabama	8,418	178.0	45	8,074	170.7	344	7.3
Texas	44,395	176.1	46	41,383	164.1	3,011	11.9
Idaho	2,691	172.5	47	2,449	157.0	242	15.5
Utah	4,798	169.5	48	4,518	159.6	280	9.9
Arkansas	4,921	169.1	49	4,693	161.3	228	7.8
Mississippi	4,718	159.4	50	4,450	150.3	267	9.0
District of Columbia	3,741	612.7	Not Ranked	3,668	600.7	73	12.0
United States	678,324	219.5	Not Ranked	630,370	204.0	47,295	15.5

Source: Association of American Medical Colleges (2011).

Primary Care Physicians per 100,000 Population – 2010

State	Total Primary Care Physicians			Primary Care MDs		Primary Care DOs	
	Number	Number per 100,000 Pop.	Rank	Number	Number per 100,000 Pop.	Number	Number per 100,000 Pop.
Massachusetts	8,751	132.0	1	8,449	127.4	295	4.4
Maine	1,636	124.6	2	1,288	98.1	348	26.5
Vermont	772	124.0	3	744	119.5	28	4.5
Hawaii	1,535	118.1	4	1,444	111.1	91	7.0
Maryland	6,755	117.7	5	6,521	113.7	234	4.1
Rhode Island	1,190	112.6	6	1,075	101.7	115	10.9
New York	21,824	111.5	7	20,462	104.5	1,357	6.9
New Hampshire	1,440	108.8	8	1,301	98.3	138	10.4
Connecticut	3,725	105.6	9	3,577	101.4	148	4.2
Minnesota	5,492	103.8	10	5,270	99.6	222	4.2
Oregon	3,976	103.1	11	3,630	94.2	346	9.0
Alaska	719	101.4	12	638	90.0	81	11.4
Pennsylvania	12,673	100.3	13	10,229	81.0	2,444	19.3
New Jersey	8,702	99.6	14	7,614	87.2	1,088	12.5
Washington	6,612	98.0	15	6,172	91.5	434	6.4
West Virginia	1,777	97.3	16	1,395	76.4	382	20.9
Michigan	9,609	96.8	17	7,737	77.9	1,872	18.8
Delaware	852	95.6	18	721	80.9	131	14.7
Wisconsin	5,410	95.4	19	4,998	88.2	411	7.3
Illinois	12,336	95.3	20	11,355	87.7	980	7.6
North Dakota	619	94.7	21	593	90.7	26	4.0
Colorado	4,704	92.3	22	4,173	81.9	531	10.4
New Mexico	1,874	92.1	23	1,742	85.6	132	6.5
Ohio	10,552	91.5	24	9,113	79.0	1,439	12.5
Virginia	7,251	91.2	25	6,896	86.7	355	4.5
California	33,822	90.8	26	31,875	85.5	1,947	5.2
South Dakota	719	87.7	27	656	80.0	63	7.7
Tennessee	5,467	86.3	28	5,173	81.6	294	4.6
Florida	16,060	86.0	29	14,345	76.8	1,711	9.2
Montana	833	85.0	30	756	77.1	77	7.9
Nebraska	1,530	84.5	31	1,451	80.1	79	4.4
Kansas	2,387	84.0	32	2,061	72.5	326	11.5
Missouri	5,043	83.9	33	4,126	68.6	917	15.3
Iowa	2,530	83.7	34	1,882	62.3	648	21.4
North Carolina	7,864	83.1	35	7,500	79.3	364	3.8
Louisiana	3,532	78.0	36	3,483	76.9	49	1.1
Kentucky	3,378	77.8	37	3,192	73.6	185	4.3
Indiana	5,015	77.8	38	4,639	72.0	376	5.8
South Carolina	3,559	77.4	39	3,365	73.2	194	4.2
Wyoming	423	77.2	40	388	70.8	35	6.4
Arizona	5,151	77.1	41	4,390	65.8	760	11.4
Arkansas	2,223	76.4	42	2,080	71.5	143	4.9
Oklahoma	2,817	75.6	43	2,101	56.4	716	19.2
Georgia	7,335	74.0	44	6,942	70.1	393	4.0
Alabama	3,419	72.3	45	3,230	68.3	189	4.0
Nevada	1,889	71.2	46	1,669	62.9	220	8.3
Texas	17,659	70.0	47	15,984	63.4	1,674	6.6
Idaho	1,048	67.2	48	921	59.0	127	8.1
Utah	1,828	64.6	49	1,677	59.2	151	5.3
Mississippi	1,882	63.6	50	1,714	57.9	167	5.6
District of Columbia	1,520	248.9	Not Ranked	1,480	242.4	40	6.6
United States	279,719	90.5	Not Ranked	254,82.3	82.3	25,473	8.2

Source: Association of American Medical Colleges (2011).

Patient Care Primary Care Physicians per 100,000 Population – 2010

State	Total Patient Care Primary Care Physicians			Patient Care Primary Care MDs		Patient Care Primary Care DOs	
	Number	Number per 100,000 Pop.	Rank	Number	Number per 100,000 Pop.	Number	Number per 100,000 Pop.
Vermont	694	111.5	1	668	107.3	26	4.2
Maine	1,459	111.1	2	1,143	87.1	316	24.1
Massachusetts	7,144	107.7	3	6,891	103.9	249	3.8
Hawaii	1,358	104.5	4	1,282	98.6	76	5.8
New Hampshire	1,308	98.8	5	1,182	89.3	125	9.4
Rhode Island	1,009	95.5	6	904	85.5	105	9.9
Maryland	5,427	94.6	7	5,220	91.0	207	3.6
Alaska	667	94.1	8	594	83.8	73	10.3
Minnesota	4,938	93.3	9	4,734	89.5	204	3.9
Oregon	3,589	93.1	10	3,268	84.8	321	8.3
New York	17,989	91.9	11	16,782	85.7	1,203	6.1
Connecticut	3,172	89.9	12	3,049	86.4	123	3.5
Washington	5,971	88.5	13	5,561	82.4	404	6.0
Wisconsin	4,887	86.2	14	4,497	79.3	389	6.9
New Jersey	7,506	86.0	15	6,500	74.4	1,006	11.5
West Virginia	1,568	85.9	16	1,208	66.2	360	19.7
North Dakota	561	85.8	17	537	82.1	24	3.7
Michigan	8,487	85.5	18	6,729	67.8	1,758	17.7
Pennsylvania	10,749	85.1	19	8,515	67.4	2,234	17.7
Delaware	755	84.7	20	636	71.3	119	13.3
Colorado	4,229	83.0	21	3,727	73.1	502	9.9
Illinois	10,591	81.8	22	9,717	75.1	873	6.7
Virginia	6,446	81.1	23	6,128	77.1	318	4.0
Montana	792	80.8	24	717	73.2	75	7.7
South Dakota	660	80.5	25	604	73.7	56	6.8
California	29,968	80.4	26	28,240	75.8	1,728	4.6
Ohio	9,227	80.0	27	7,900	68.5	1,327	11.5
New Mexico	1,626	79.9	28	1,503	73.9	123	6.0
Florida	14,582	78.1	29	12,986	69.5	1,594	8.5
Tennessee	4,872	76.9	30	4,605	72.7	267	4.2
Iowa	2,288	75.7	31	1,672	55.3	616	20.4
Kansas	2,128	74.9	32	1,822	64.1	306	10.8
Nebraska	1,356	74.9	33	1,284	70.9	72	4.0
North Carolina	7,011	74.1	34	6,684	70.7	327	3.5
Missouri	4,441	73.9	35	3,581	59.6	860	14.3
Indiana	4,588	71.2	36	4,238	65.8	350	5.4
Wyoming	387	70.7	37	360	65.7	27	4.9
South Carolina	3,231	70.3	38	3,052	66.4	179	3.9
Kentucky	3,028	69.8	39	2,863	66.0	165	3.8
Arkansas	2,026	69.6	40	1,892	65.0	134	4.6
Oklahoma	2,571	69.0	41	1,892	50.8	679	18.2
Louisiana	3,094	68.3	42	3,051	67.4	43	0.9
Arizona	4,544	68.1	43	3,857	57.8	686	10.3
Alabama	3,120	66.0	44	2,940	62.2	180	3.8
Georgia	6,516	65.8	45	6,167	62.2	349	3.5
Nevada	1,691	63.7	46	1,486	56.0	205	7.7
Idaho	987	63.3	47	865	55.5	122	7.8
Texas	15,633	62.0	48	14,097	55.9	1,535	6.1
Mississippi	1,732	58.5	49	1,575	53.2	156	5.3
Utah	1,654	58.4	50	1,510	53.3	144	5.1
District of Columbia	1,110	181.8	Not Ranked	1,084	177.5	26	4.3
United States	245,367	79.4	Not Ranked	221,999	71.8	23,346	7.6

Source: Association of American Medical Colleges (2011).

**Residents and Fellows in ACGME-Accredited Programs
per 100,000 Population – 2010**

State	Total Residents/Fellows in ACGME Programs			MDs in ACGME Programs		DOs in ACGME Programs	
	Number	Number per 100,000 Pop.	Rank	Number	Number per 100,000 Pop.	Number	Number per 100,000 Pop.
Vermont	694	111.5	1	668	107.3	26	4.2
Maine	1,459	111.1	2	1,143	87.1	316	24.1
Massachusetts	7,144	107.7	3	6,891	103.9	249	3.8
Hawaii	1,358	104.5	4	1,282	98.6	76	5.8
New Hampshire	1,308	98.8	5	1,182	89.3	125	9.4
Rhode Island	1,009	95.5	6	904	85.5	105	9.9
Maryland	5,427	94.6	7	5,220	91.0	207	3.6
Alaska	667	94.1	8	594	83.8	73	10.3
Minnesota	4,938	93.3	9	4,734	89.5	204	3.9
Oregon	3,589	93.1	10	3,268	84.8	321	8.3
New York	17,989	91.9	11	16,782	85.7	1,203	6.1
Connecticut	3,172	89.9	12	3,049	86.4	123	3.5
Washington	5,971	88.5	13	5,561	82.4	404	6.0
Wisconsin	4,887	86.2	14	4,497	79.3	389	6.9
New Jersey	7,506	86.0	15	6,500	74.4	1,006	11.5
West Virginia	1,568	85.9	16	1,208	66.2	360	19.7
North Dakota	561	85.8	17	537	82.1	24	3.7
Michigan	8,487	85.5	18	6,729	67.8	1,758	17.7
Pennsylvania	10,749	85.1	19	8,515	67.4	2,234	17.7
Delaware	755	84.7	20	636	71.3	119	13.3
Colorado	4,229	83.0	21	3,727	73.1	502	9.9
Illinois	10,591	81.8	22	9,717	75.1	873	6.7
Virginia	6,446	81.1	23	6,128	77.1	318	4.0
Montana	792	80.8	24	717	73.2	75	7.7
South Dakota	660	80.5	25	604	73.7	56	6.8
California	29,968	80.4	26	28,240	75.8	1,728	4.6
Ohio	9,227	80.0	27	7,900	68.5	1,327	11.5
New Mexico	1,626	79.9	28	1,503	73.9	123	6.0
Florida	14,582	78.1	29	12,986	69.5	1,594	8.5
Tennessee	4,872	76.9	30	4,605	72.7	267	4.2
Iowa	2,288	75.7	31	1,672	55.3	616	20.4
Kansas	2,128	74.9	32	1,822	64.1	306	10.8
Nebraska	1,356	74.9	33	1,284	70.9	72	4.0
North Carolina	7,011	74.1	34	6,684	70.7	327	3.5
Missouri	4,441	73.9	35	3,581	59.6	860	14.3
Indiana	4,588	71.2	36	4,238	65.8	350	5.4
Wyoming	387	70.7	37	360	65.7	27	4.9
South Carolina	3,231	70.3	38	3,052	66.4	179	3.9
Kentucky	3,028	69.8	39	2,863	66.0	165	3.8
Arkansas	2,026	69.6	40	1,892	65.0	134	4.6
Oklahoma	2,571	69.0	41	1,892	50.8	679	18.2
Louisiana	3,094	68.3	42	3,051	67.4	43	0.9
Arizona	4,544	68.1	43	3,857	57.8	686	10.3
Alabama	3,120	66.0	44	2,940	62.2	180	3.8
Georgia	6,516	65.8	45	6,167	62.2	349	3.5
Nevada	1,691	63.7	46	1,486	56.0	205	7.7
Idaho	987	63.3	47	865	55.5	122	7.8
Texas	15,633	62.0	48	14,097	55.9	1,535	6.1
Mississippi	1,732	58.5	49	1,575	53.2	156	5.3
Utah	1,654	58.4	50	1,510	53.3	144	5.1
District of Columbia	1,110	181.8	Not Ranked	1,084	177.5	26	4.3
United States	245,367	79.4	Not Ranked	221,999	71.8	23,346	7.6

Source: Association of American Medical Colleges (2011).

**Residents and Fellows in ACGME-Accredited Primary Care Programs
per 100,000 Population – 2010**

State	Total Residents in Primary Care ACGME Programs			MDs in Primary Care ACGME Programs		DOs in Primary Care ACGME Programs	
	Number	Number per 100,000 Pop.	Rank	Number	Number per 100,000 Pop.	Number	Number per 100,000 Pop.
New York	6,336	32.4	1	5,990	30.6	346	1.8
Rhode Island	319	30.2	2	310	29.3	9	0.9
Massachusetts	1,734	26.1	3	1,650	24.9	84	1.3
Connecticut	851	24.1	4	804	22.8	47	1.3
Pennsylvania	2,636	20.9	5	2,244	17.8	392	3.1
Illinois	2,403	18.6	6	2,170	16.8	233	1.8
Ohio	2,068	17.9	7	1,834	15.9	234	2.0
Delaware	154	17.3	8	109	12.2	45	5.0
Nebraska	311	17.2	9	273	15.1	38	2.1
Michigan	1,654	16.7	10	1,524	15.3	130	1.3
West Virginia	304	16.7	11	254	13.9	50	2.7
New Jersey	1,373	15.7	12	1,255	14.4	118	1.4
Louisiana	695	15.3	13	683	15.1	12	0.3
Maryland	853	14.9	14	829	14.4	24	0.4
Missouri	863	14.4	15	751	12.5	112	1.9
Minnesota	745	14.1	16	685	12.9	60	1.1
Maine	175	13.3	17	108	8.2	67	5.1
Vermont	78	12.5	18	76	12.2	2	0.3
Tennessee	760	12.0	19	707	11.2	53	0.8
Hawaii	152	11.7	20	137	10.5	15	1.2
North Dakota	74	11.3	21	71	10.9	3	0.5
Iowa	337	11.1	22	231	7.6	106	3.5
Wisconsin	629	11.1	23	561	9.9	68	1.2
Arkansas	311	10.7	24	298	10.2	13	0.4
North Carolina	968	10.2	25	910	9.6	58	0.6
South Carolina	468	10.2	26	423	9.2	45	1.0
Virginia	755	9.5	27	665	8.4	90	1.1
Washington	633	9.4	28	559	8.3	74	1.1
Oklahoma	347	9.3	29	293	7.9	54	1.4
Texas	2,335	9.3	30	2,078	8.2	256	1.0
California	3,435	9.2	31	3,065	8.2	370	1.0
Indiana	594	9.2	32	530	8.2	64	1.0
New Mexico	187	9.2	33	171	8.4	16	0.8
Colorado	460	9.0	34	394	7.7	66	1.3
Arizona	593	8.9	35	494	7.4	99	1.5
Alabama	420	8.9	36	394	8.3	26	0.5
Utah	245	8.7	37	227	8.0	18	0.6
South Dakota	69	8.4	38	51	6.2	18	2.2
Oregon	318	8.2	39	275	7.1	43	1.1
Kentucky	356	8.2	40	313	7.2	43	1.0
New Hampshire	100	7.6	41	89	6.7	11	0.8
Georgia	741	7.5	42	675	6.8	66	0.7
Wyoming	39	7.1	43	28	5.1	1.1	2.0
Kansas	196	6.9	44	160	5.6	36	1.3
Florida	1,254	6.7	45	1,111	5.9	143	0.8
Nevada	172	6.5	46	145	5.5	27	1.0
Mississippi	178	6.0	47	158	5.3	20	0.7
Alaska	34	4.8	48	28	3.9	6	0.8
Idaho	60	3.8	49	51	3.3	9	0.6
Montana	18	1.8	50	16	1.6	2	0.2
District of Columbia	549	89.9	Not Ranked	538	88.1	11	1.8
United States	41,339	13.4	Not Ranked	37,395	12.1	3,943	1.3

Source: Association of American Medical Colleges (2011).

**Physicians Retained from Undergraduate Medical Education (UME)
per 100,000 Population – 2010**

State	Physicians Who Graduated from Medical or Osteopathic School In-State and are Active In-State		
	Number	Percent	Rank
California	23,556	61.9	1
Texas	21,494	59.0	2
Arkansas	2,702	28.2	3
Mississippi	2,117	54.0	4
Hawaii	937	53.0	5
Indiana	5,084	51.5	6
Minnesota	5,128	51.0	7
Alabama	3,572	50.4	8
Florida	7,088	49.6	9
South Carolina	3,179	19.2	10
Oklahoma	361	47.5	11
Kentucky	3,904	16.4	12
Georgia	5,343	46.3	13
Washington	2,567	45.6	14
Oregon	1,661	45.6	15
Utah	1,599	45.5	16
Michigan	9,984	44.0	17
Arizona	1,571	43.8	18
Colorado	1,974	42.9	19
Ohio	11,846	40.9	20
South Dakota	537	40.2	21
Nevada	480	39.2	22
Louisiana	5,771	39.2	23
North Carolina	5,469	38.8	24
Wisconsin	4,328	3.8	25
New Mexico	815	36.9	26
Kansas	2,303	36.5	27
New York	24,257	36.3	28
Tennessee	5,001	35.2	29
New Jersey	3,633	35.0	30
Virginia	4,491	34.5	31
Pennsylvania	15,871	33.8	32
West Virginia	1,898	33.8	33
Illinois	12,988	31.8	34
North Dakota	454	30.9	35
Massachusetts	6,178	30.0	36
Nebraska	2,251	25.7	37
Maryland	3,278	23.5	38
Iowa	2,675	22.2	39
Missouri	2,672	21.4	40
Connecticut	1,166	18.6	41
Maine	337	17.3	42
Rhode Island	273	13.5	43
Vermont	406	12.8	44
New Hampshire	195	9.7	45
Delaware	N/A	N/A	N/A
Idaho	N/A	N/A	N/A
Alaska	N/A	N/A	N/A
Montana	N/A	N/A	N/A
Wyoming	N/A	N/A	N/A
District of Columbia	1,011	6.3	Not Ranked
United States	230,655	38.6	Not Ranked

Source: Association of American Medical Colleges (2011).

**Physicians Retained from Graduate Medical Education (GME)
per 100,000 Population – 2010**

State	Physicians Who Completed GME In-State and are Active In-State		
	Number	Percent	Rank
Alaska	67	71.3	1
California	52,685	69.1	2
Montana	51	63.0	3
Florida	12,698	59.4	4
Texas	25,863	57.9	5
Nevada	529	57.8	6
Arkansas	2,525	57.6	7
Idaho	180	56.8	8
Indiana	5,489	56.5	9
Oregon	2,794	53.0	10
Oklahoma	2,906	51.6	11
Maine	927	51.4	12
Mississippi	1,678	50.2	13
Washington	5,549	49.5	14
Illinois	20,505	49.4	15
Arizona	3,708	49.0	16
Georgia	6,796	49.0	17
Alabama	3,898	48.9	18
Wisconsin	5,600	47.2	19
Louisiana	5,855	47.1	20
New Jersey	8,462	46.7	21
Colorado	4,421	46.4	22
South Carolina	3,393	46.2	23
Kentucky	3,473	46.1	24
New York	50,544	45.9	25
Michigan	14,927	45.6	26
Tennessee	6,034	44.9	27
Massachusetts	15,313	44.6	28
South Dakota	316	44.6	29
Ohio	16,747	44.4	30
Minnesota	7,735	44.2	31
North Dakota	369	44.1	32
Utah	1,921	43.2	33
Nebraska	1,727	43.0	34
Pennsylvania	21,437	42.5	35
North Carolina	7,454	42.2	36
West Virginia	1,598	40.2	37
Virginia	5,640	39.4	38
New Mexico	1,201	39.3	39
Kansas	2,178	38.6	40
Maryland	7,392	38.3	41
Hawaii	1,149	38.3	42
Missouri	6,636	37.4	43
Iowa	2,371	36.6	44
Connecticut	4,662	35.1	45
Rhode Island	1,323	31.3	46
Wyoming	107	30.8	47
Vermont	498	30.5	48
Delaware	461	30.3	49
New Hampshire	510	28.3	50
District of Columbia	2,461	15.4	Not Ranked
United States	362,763	47.8	Not Ranked

Source: Association of American Medical Colleges (2011).

Physicians Retained from Undergraduate Medical Education (UME) and Graduate Medical Education (GME) Combined per 100,000 Population – 2010

State	Physicians Who Graduated from Medical or Osteopathic School In-State, Completed GME In-State, and are Active In-State		
	Number	Percent	Rank
Hawaii	495	85.8	1
Arkansas	1,828	80.6	2
Texas	14,932	80.2	3
Nevada	144	80.0	4
California	19,084	79.6	5
South Dakota	174	78.4	6
Florida	3,883	77.8	7
Mississippi	1,204	76.8	8
South Carolina	1,829	76.6	9
Indiana	3,610	76.5	10
Alabama	2,225	75.6	11
Arizona	916	75.0	12
Kentucky	2,179	73.8	13
Oklahoma	1,986	73.6	14
Maine	129	73.3	15
Minnesota	3,692	72.0	16
Colorado	1,192	71.9	17
Washington	1,393	71.9	18
Georgia	3,002	71.8	19
Utah	650	70.2	20
Wisconsin	2,525	70.2	21
Oregon	740	69.4	22
North Carolina	3,037	67.4	23
Ohio	8,439	67.3	24
Louisiana	4,031	67.2	25
Michigan	6,811	66.8	26
Tennessee	3,105	65.5	27
Virginia	2,422	64.9	28
New Mexico	384	64.4	29
New Jersey	1,876	64.1	30
West Virginia	1,095	63.5	31
North Dakota	194	62.6	32
Illinois	9,447	62.4	33
Iowa	1,445	61.4	34
New York	19,639	58.7	35
Pennsylvania	10,873	58.5	36
Massachusetts	4,588	58.3	37
Nebraska	1,269	56.7	38
Kansas	1,325	56.6	39
Missouri	3,088	54.5	40
Maryland	1,932	53.8	41
Connecticut	747	50.6	42
Vermont	160	48.0	43
Rhode Island	135	47.5	44
New Hampshire	69	42.3	45
Alaska	N/A	N/A	N/A
Delaware	N/A	N/A	N/A
Idaho	N/A	N/A	N/A
Montana	N/A	N/A	N/A
Wyoming	N/A	N/A	N/A
District of Columbia	691	19.0	Not Ranked
United States	154,614	66.6	Not Ranked

Source: Association of American Medical Colleges (2011).

Physicians in Medical Specialties per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	326
2	Massachusetts	191
3	Maryland	167
4	Rhode Island	160
5	Connecticut	159
6	New York	159
7	New Jersey	135
8	Vermont	122
9	Hawaii	114
10	Pennsylvania	110
11	Illinois	105
12	New Hampshire	100
13	Ohio	97
14	Tennessee	97
15	California	95
16	Minnesota	95
17	Virginia	94
18	Florida	93
19	Louisiana	92
20	Michigan	92
21	Missouri	92
22	Oregon	92
23	North Carolina	89
24	Delaware	87
25	Maine	86
26	Washington	84
27	Wisconsin	84
28	Colorado	83
29	Georgia	78
30	Kentucky	78
31	New Mexico	77
32	Alabama	76
33	Arizona	75
34	Nebraska	75
35	West Virginia	75
36	Texas	73
37	South Carolina	72
38	Indiana	70
39	North Dakota	70
40	Kansas	66
41	Nevada	66
42	Utah	65
43	South Dakota	63
44	Arkansas	60
45	Montana	58
46	Mississippi	57
47	Oklahoma	55
48	Iowa	52
49	Alaska	51
50	Idaho	41
51	Wyoming	40
	United States	97

Source: O'Leary Morgan and Morgan (2011).

Physicians in Surgical Specialties per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	141
2	Maryland	75
3	Massachusetts	73
4	Connecticut	72
5	Rhode Island	71
6	New York	70
7	Vermont	68
8	Hawaii	63
9	Louisiana	62
10	New Hampshire	59
11	New Jersey	59
12	Pennsylvania	58
13	Tennessee	58
14	Oregon	55
15	Virginia	55
16	Maine	54
17	Minnesota	53
18	Ohio	53
19	Florida	52
20	Nebraska	52
21	North Carolina	52
22	California	51
23	Colorado	51
24	Illinois	51
25	Michigan	50
26	Montana	50
27	South Carolina	50
28	West Virginia	50
29	Wisconsin	50
30	Alabama	49
31	Kentucky	49
32	Missouri	49
33	South Dakota	49
34	Washington	49
35	Alaska	48
36	North Dakota	48
37	Delaware	47
38	Kansas	47
39	Georgia	46
40	Wyoming	46
41	Texas	45
42	Utah	44
43	Indiana	42
44	Mississippi	42
45	New Mexico	42
46	Arizona	41
47	Arkansas	40
48	Idaho	39
49	Iowa	39
50	Oklahoma	38
51	Nevada	37
United States		53

Source: O'Leary Morgan and Morgan (2011).

Physicians in Anesthesiology per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	Massachusetts	21
2	District of Columbia	19
3	Maryland	19
4	New Jersey	18
5	New York	18
6	Connecticut	17
7	Vermont	17
8	Oregon	16
9	California	15
10	Colorado	15
11	Indiana	15
12	New Hampshire	15
13	Washington	15
14	Wisconsin	15
15	Arizona	14
16	Florida	14
17	Illinois	14
18	Maine	14
19	Montana	14
20	Nebraska	14
21	Nevada	14
22	Pennsylvania	14
23	Utah	14
24	Kentucky	13
25	Ohio	13
26	Texas	13
27	Virginia	13
28	Alaska	12
29	Hawaii	12
30	Kansas	12
31	Louisiana	12
32	Missouri	12
33	Rhode Island	12
34	Tennessee	12
35	Alabama	11
36	Delaware	11
37	Minnesota	11
38	New Mexico	11
39	North Carolina	11
40	South Carolina	11
41	Arkansas	10
42	Georgia	10
43	Iowa	10
44	Michigan	10
45	North Dakota	10
46	Oklahoma	10
47	Wyoming	10
48	Mississippi	9
49	South Dakota	9
50	West Virginia	8
51	Idaho	7
	United States	14

Source: O'Leary Morgan and Morgan (2011).

Physicians in General Surgery per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	39
2	Massachusetts	19
3	Vermont	19
4	Maryland	17
5	New York	17
6	Rhode Island	17
7	Connecticut	16
8	Maine	15
9	New Hampshire	15
10	Pennsylvania	15
11	Tennessee	15
12	Hawaii	14
13	North Dakota	14
14	West Virginia	14
15	Kentucky	13
16	Louisiana	13
17	Michigan	13
18	Nebraska	13
19	New Jersey	13
20	Ohio	13
21	Oregon	13
22	South Dakota	13
23	Illinois	12
24	Minnesota	12
25	North Carolina	12
26	South Carolina	12
27	Virginia	12
28	Washington	12
29	Wisconsin	12
30	Alabama	11
31	Alaska	11
32	California	11
33	Colorado	11
34	Delaware	11
35	Florida	11
36	Georgia	11
37	Missouri	11
38	Wyoming	11
39	Arizona	10
40	Kansas	10
41	Montana	10
42	New Mexico	10
43	Texas	10
44	Arkansas	9
45	Idaho	9
46	Indiana	9
47	Iowa	9
48	Mississippi	9
49	Oklahoma	9
50	Utah	9
51	Nevada	8
United States		12

Source: O'Leary Morgan and Morgan (2011).

Physicians in General/Family Practice per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	North Dakota	61
2	Alaska	58
3	Minnesota	55
4	Vermont	54
5	South Dakota	52
6	Nebraska	49
7	Wyoming	49
8	Maine	48
9	Montana	46
10	Washington	46
11	Arkansas	44
12	Wisconsin	44
13	Kansas	42
14	New Mexico	40
15	Iowa	39
16	Oregon	39
17	Colorado	38
18	Idaho	38
19	Indiana	38
20	New Hampshire	38
21	West Virginia	38
22	South Carolina	36
23	Virginia	36
24	Hawaii	34
25	District of Columbia	33
26	Kentucky	32
27	North Carolina	32
28	Tennessee	32
29	Illinois	31
30	Louisiana	31
31	Ohio	31
32	California	30
33	Michigan	30
34	Oklahoma	30
35	Pennsylvania	30
36	Alabama	29
37	Delaware	29
38	Florida	28
39	Utah	28
40	Mississippi	27
41	Texas	27
42	Georgia	25
43	Arizona	24
44	Maryland	24
45	Missouri	24
46	Nevada	22
47	Massachusetts	21
48	New York	20
49	Rhode Island	20
50	New Jersey	19
51	Connecticut	17
	United States	30

Source: O'Leary Morgan and Morgan (2011).

Physicians in Internal Medicine per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	173
2	Massachusetts	111
3	Maryland	95
4	Connecticut	94
5	New York	91
6	Rhode Island	88
7	New Jersey	73
8	Vermont	69
9	Hawaii	65
10	Illinois	60
11	Pennsylvania	60
12	New Hampshire	56
13	Oregon	54
14	Michigan	52
15	California	51
16	Ohio	51
17	Minnesota	50
18	Tennessee	50
19	Maine	49
20	Virginia	49
21	Florida	48
22	Missouri	47
23	North Carolina	46
24	Louisiana	45
25	Washington	45
26	Wisconsin	44
27	Colorado	43
28	North Dakota	43
29	New Mexico	42
30	Alabama	41
31	Georgia	41
32	Delaware	40
33	West Virginia	40
34	Arizona	39
35	Kentucky	39
36	Nebraska	39
37	Nevada	39
38	South Carolina	36
39	South Dakota	36
40	Texas	36
41	Indiana	35
42	Kansas	33
43	Montana	31
44	Mississippi	30
45	Oklahoma	28
46	Utah	28
47	Arkansas	27
48	Iowa	26
49	Alaska	24
50	Wyoming	22
51	Idaho	21
	United States	52

Source: O'Leary Morgan and Morgan (2011).

**Physicians in Obstetrics and Gynecology
per 100,000 Population – 2009**

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	66
2	Maryland	40
3	Connecticut	39
4	Hawaii	38
5	Rhode Island	38
6	New York	36
7	Massachusetts	34
8	New Jersey	34
9	Vermont	34
10	Louisiana	32
11	Virginia	31
12	New Hampshire	29
13	Tennessee	29
14	Colorado	28
15	Illinois	28
16	North Carolina	28
17	California	27
18	Georgia	27
19	Michigan	27
20	Oregon	27
21	Pennsylvania	26
22	South Carolina	26
23	Ohio	25
24	Texas	25
25	Alabama	24
26	Alaska	24
27	Florida	24
28	Kentucky	24
29	Maine	24
30	Minnesota	24
31	Missouri	24
32	Washington	24
33	Wyoming	24
34	Nebraska	23
35	New Mexico	23
36	Wisconsin	23
37	Arizona	22
38	Delaware	22
39	Indiana	22
40	Nevada	22
41	Utah	22
42	West Virginia	22
43	Kansas	21
44	Mississippi	21
45	Montana	21
46	Idaho	19
47	South Dakota	19
48	Arkansas	18
49	Oklahoma	18
50	North Dakota	17
51	Iowa	14
	United States	27

Source: O'Leary Morgan and Morgan (2011).

Physicians in Ophthalmology per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	18
2	Connecticut	9
3	Maryland	9
4	New York	9
5	Hawaii	8
6	Massachusetts	8
7	Florida	7
8	Louisiana	7
9	New Jersey	7
10	Pennsylvania	7
11	Rhode Island	7
12	Vermont	7
13	California	6
14	Colorado	6
15	Delaware	6
16	Illinois	6
17	Maine	6
18	Michigan	6
19	Minnesota	6
20	Oregon	6
21	Virginia	6
22	West Virginia	6
23	Wisconsin	6
24	Alabama	5
25	Iowa	5
26	Kansas	5
27	Missouri	5
28	Montana	5
29	Nebraska	5
30	New Hampshire	5
31	North Carolina	5
32	North Dakota	5
33	Ohio	5
34	South Carolina	5
35	South Dakota	5
36	Tennessee	5
37	Texas	5
38	Utah	5
39	Washington	5
40	Alaska	4
41	Arizona	4
42	Arkansas	4
43	Georgia	4
44	Idaho	4
45	Indiana	4
46	Kentucky	4
47	Mississippi	4
48	Nevada	4
49	New Mexico	4
50	Oklahoma	4
51	Wyoming	3
	United States	6

Source: O'Leary Morgan and Morgan (2011).

Physicians in Orthopedic Surgery per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	16
2	Vermont	13
3	New Hampshire	12
4	Rhode Island	12
5	Wyoming	12
6	Alaska	11
7	Connecticut	11
8	Maryland	11
9	Massachusetts	11
10	Montana	11
11	Hawaii	10
12	Minnesota	10
13	New York	10
14	Colorado	9
15	Louisiana	9
16	Maine	9
17	Nebraska	9
18	Oregon	9
19	Pennsylvania	9
20	South Dakota	9
21	Tennessee	9
22	Washington	9
23	Wisconsin	9
24	Alabama	8
25	California	8
26	Florida	8
27	Idaho	8
28	Illinois	8
29	Kansas	8
30	Kentucky	8
31	Missouri	8
32	New Jersey	8
33	North Carolina	8
34	North Dakota	8
35	Ohio	8
36	South Carolina	8
37	Virginia	8
38	Delaware	7
39	Indiana	7
40	Iowa	7
41	Michigan	7
42	New Mexico	7
43	Texas	7
44	Utah	7
45	West Virginia	7
46	Arizona	6
47	Arkansas	6
48	Georgia	6
49	Mississippi	6
50	Oklahoma	6
51	Nevada	5
	United States	8

Source: O'Leary Morgan and Morgan (2011).

Physicians in Pediatrics per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	467
2	Massachusetts	195
3	Rhode Island	185
4	Maryland	170
5	New York	164
6	Vermont	151
7	New Jersey	146
8	Connecticut	144
9	Hawaii	138
10	Delaware	117
11	Ohio	113
12	Pennsylvania	109
13	Tennessee	109
14	Virginia	109
15	New Hampshire	104
16	Illinois	101
17	Louisiana	100
18	Florida	99
19	Maine	99
20	Missouri	99
21	California	97
22	Minnesota	97
23	Michigan	96
24	North Carolina	96
25	Kentucky	92
26	Colorado	91
27	Wisconsin	91
28	Washington	90
29	Oregon	87
30	West Virginia	87
31	South Carolina	83
32	Georgia	79
33	New Mexico	78
34	Nebraska	77
35	Alabama	76
36	Arkansas	76
37	Indiana	76
38	Texas	75
39	Arizona	70
40	Kansas	69
41	Alaska	68
42	Utah	68
43	North Dakota	63
44	Mississippi	55
45	Montana	55
46	Nevada	55
47	Oklahoma	55
48	Iowa	54
49	South Dakota	54
50	Wyoming	44
51	Idaho	35
	United States	100

Source: O'Leary Morgan and Morgan (2011).

Physicians in Plastic Surgery per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	6
2	California	3
3	Connecticut	3
4	Delaware	3
5	Florida	3
6	Maryland	3
7	Massachusetts	3
8	New Jersey	3
9	New York	3
10	Rhode Island	3
11	Utah	3
12	Alabama	2
13	Arizona	2
14	Colorado	2
15	Georgia	2
16	Hawaii	2
17	Illinois	2
18	Indiana	2
19	Kansas	2
20	Kentucky	2
21	Louisiana	2
22	Michigan	2
23	Minnesota	2
24	Mississippi	2
25	Missouri	2
26	Nebraska	2
27	Nevada	2
28	New Hampshire	2
29	North Carolina	2
30	North Dakota	2
31	Ohio	2
32	Oregon	2
33	Pennsylvania	2
34	South Carolina	2
35	Tennessee	2
36	Texas	2
37	Vermont	2
38	Virginia	2
39	Washington	2
40	Wisconsin	2
41	Alaska	1
42	Arkansas	1
43	Idaho	1
44	Iowa	1
45	Maine	1
46	Montana	1
47	New Mexico	1
48	Oklahoma	1
49	South Dakota	1
50	West Virginia	1
51	Wyoming	1
	United States	2

Source: O'Leary Morgan and Morgan (2011).

**Physician Assistants in Clinical Practice
per 100,000 Population – 2009**

Rank	State	Physician Assistants (PAs) per 100,000 Population
1	Alaska	55
2	South Dakota	51
3	Maine	42
4	Nebraska	41
5	New York	41
6	West Virginia	40
7	Connecticut	39
8	District of Columbia	39
9	North Carolina	39
10	North Dakota	38
11	Colorado	36
12	Montana	36
13	Wyoming	36
14	Maryland	35
15	Pennsylvania	35
16	Vermont	35
17	Idaho	34
18	New Hampshire	32
19	Michigan	30
20	Washington	30
21	Oklahoma	29
22	Kansas	28
23	Wisconsin	28
24	Massachusetts	27
25	Arizona	26
26	New Mexico	26
27	Delaware	25
28	Iowa	25
29	Utah	25
30	Florida	24
31	Georgia	24
32	Minnesota	24
33	Oregon	23
34	Rhode Island	22
35	Virginia	21
36	Kentucky	20
37	Nevada	20
38	California	19
39	Texas	19
40	New Jersey	17
41	Ohio	17
42	South Carolina	17
43	Illinois	15
44	Tennessee	15
45	Hawaii	12
46	Louisiana	12
47	Missouri	11
48	Alabama	10
49	Indiana	10
50	Arkansas	5
51	Mississippi	3
	United States	24

Source: O'Leary Morgan and Morgan (2011).

Nursing Workforce Rankings

Registered Nurses per 100,000 Population – 2009

Rank	State	Registered Nurses per 100,000 Population
1	District of Columbia	1,483
2	South Dakota	1,296
3	Massachusetts	1,260
4	Delaware	1,155
5	Rhode Island	1,104
6	Maine	1,093
7	Minnesota	1,093
8	Nebraska	1,054
9	Missouri	1,038
10	Pennsylvania	1,030
11	Iowa	1,022
12	Ohio	1,021
13	Connecticut	1,017
14	New Hampshire	1,006
15	Kentucky	1,003
16	Tennessee	984
17	North Dakota	968
18	West Virginia	953
19	Mississippi	950
20	Wisconsin	946
21	North Carolina	940
22	Kansas	934
23	Vermont	914
24	Alabama	911
25	Maryland	906
26	Illinois	901
27	Indiana	901
28	Louisiana	881
29	Wyoming	864
30	New Jersey	858
31	Montana	855
32	Michigan	849
33	New York	848
34	South Carolina	834
35	Colorado	831
36	Florida	814
37	Washington	814
38	Oregon	803
39	Arkansas	798
40	Virginia	764
41	Oklahoma	742
42	Alaska	717
43	Hawaii	689
44	Idaho	682
45	Texas	678
46	Georgia	665
47	Utah	635
48	California	630
49	New Mexico	614
50	Nevada	609
51	Arizona	585
	United States	842

Source: O'Leary Morgan and Morgan (2011).

Nurse Practitioners per 100,000 Population – 2009

Rank	State	Nurse Practitioners per 100,000 Population
1	Massachusetts	80
2	Tennessee	72
3	Alaska	71
4	Maine	69
5	New York	63
6	Colorado	54
7	Florida	52
8	North Dakota	51
9	Kansas	50
10	Mississippi	49
11	Kentucky	48
12	Vermont	47
13	Maryland	46
14	Washington	46
15	Oregon	44
16	Virginia	44
17	Pennsylvania	43
18	Missouri	43
19	Arizona	43
20	Rhode Island	42
21	Delaware	42
22	South Dakota	42
23	Nebraska	41
24	Minnesota	39
25	California	39
26	New Mexico	39
27	Wyoming	38
28	Georgia	38
29	Louisiana	37
30	North Carolina	35
31	West Virginia	35
32	South Carolina	35
33	Iowa	34
34	Michigan	34
35	Alabama	34
36	Ohio	33
37	Arkansas	32
38	District of Columbia	31
39	Idaho	29
40	Texas	29
41	Nevada	21
42	Oklahoma	21
43	Wisconsin	14
44	Connecticut	N/A
45	Hawaii	N/A
46	Illinois	N/A
47	Indiana	N/A
48	Montana	N/A
49	New Hampshire	N/A
50	New Jersey	N/A
51	Utah	N/A
	United States	37

Source: National Center for the Analysis of Healthcare Data (2012).

Licensed Practical Nurses per 100,000 Population – 2009

Rank	State	Licensed Practical Nurses per 100,000 Population
1	North Dakota	510
2	Louisiana	444
3	Arkansas	401
4	Tennessee	396
5	Oklahoma	387
6	Minnesota	365
7	Ohio	354
8	West Virginia	347
9	Mississippi	343
10	Alabama	323
11	Indiana	321
12	Missouri	315
13	Nebraska	312
14	Pennsylvania	299
15	Montana	287
16	District of Columbia	283
17	Delaware	267
18	Texas	266
19	Georgia	255
20	Massachusetts	254
21	Kansas	253
22	Virginia	253
23	Iowa	249
24	Connecticut	248
25	Vermont	244
26	New Mexico	241
27	South Dakota	241
28	Kentucky	237
29	Florida	234
30	New York	231
31	South Carolina	218
32	Maryland	192
33	Idaho	189
34	Illinois	189
35	Wisconsin	189
36	Michigan	188
37	New Hampshire	188
38	North Carolina	184
39	New Jersey	178
40	California	169
41	Arizona	154
42	Washington	146
43	Rhode Island	143
44	Colorado	139
45	Maine	138
46	Wyoming	134
47	Hawaii	109
48	Alaska	84
49	Nevada	82
50	Utah	80
51	Oregon	66
	United States	237

Source: O'Leary Morgan and Morgan (2011).

Clinical Nurse Specialists per 100,000 Population – 2009

Rank	State	Clinical Nurse Specialists per 100,000 Population
1	Kansas	19
2	Colorado	15
3	Ohio	13
4	Massachusetts	13
5	North Carolina	11
6	Maine	10
7	Delaware	9
8	Minnesota	9
9	South Dakota	9
10	California	8
11	Vermont	7
12	Rhode Island	6
13	Oklahoma	6
14	Louisiana	6
15	Missouri	5
16	Texas	5
17	North Dakota	5
18	Nebraska	5
19	Virginia	5
20	Arkansas	4
21	Oregon	4
22	Kentucky	3
23	Wyoming	3
24	Iowa	3
25	Georgia	3
26	Nevada	3
27	Arizona	2
28	District of Columbia	2
29	Idaho	2
30	Alabama	2
31	South Carolina	2
32	Tennessee	2
33	West Virginia	2
34	Florida	0
35	Alaska	N/A
36	Connecticut	N/A
37	Hawaii	N/A
38	Illinois	N/A
39	Indiana	N/A
40	Maryland	N/A
41	Michigan	N/A
42	Mississippi	N/A
43	Montana	N/A
44	New Hampshire	N/A
45	New Jersey	N/A
46	New Mexico	N/A
47	New York	N/A
48	Pennsylvania	N/A
49	Utah	N/A
50	Washington	N/A
51	Wisconsin	N/A
	United States	4

Source: National Center for the Analysis of Healthcare Data (2012).

Certified Nurse Midwives per 100,000 Population – 2009

Rank	State	Certified Nurse Midwives per 100,000 Population
1	Vermont	10
2	New Mexico	8
3	Washington	7
4	Oregon	6
5	Massachusetts	6
6	Maine	6
7	Colorado	6
8	Connecticut	5
9	Rhode Island	5
10	Utah	5
11	New York	4
12	Alaska	4
13	Georgia	4
14	Minnesota	4
15	District of Columbia	3
16	Maryland	3
17	West Virginia	3
18	California	3
19	Michigan	3
20	New Jersey	3
21	Arizona	3
22	Virginia	2
23	Iowa	2
24	Pennsylvania	2
25	South Dakota	2
26	Ohio	2
27	North Carolina	2
28	Wyoming	2
29	South Carolina	2
30	Kentucky	2
31	Tennessee	2
32	Kansas	2
33	Florida	2
34	Delaware	2
35	Idaho	2
36	Indiana	2
37	Nebraska	1
38	Wisconsin	1
39	Texas	1
40	Oklahoma	1
41	Missouri	1
42	Louisiana	1
43	North Dakota	1
44	Nevada	1
45	Arkansas	1
46	Mississippi	1
47	Alabama	0
48	Hawaii	N/A
49	Illinois	N/A
50	Montana	N/A
51	New Hampshire	N/A
	United States	3

Source: National Center for the Analysis of Healthcare Data (2012).

Certified Nurse Anesthetists per 100,000 Population – 2009

Rank	State	Certified Nurse Anesthetists per 100,000 Population
1	South Dakota	32
2	North Dakota	31
3	Minnesota	26
4	Alabama	24
5	West Virginia	23
6	Tennessee	22
7	Louisiana	22
8	North Carolina	21
9	Pennsylvania	20
10	Delaware	20
11	South Carolina	18
12	Kansas	17
13	Michigan	17
14	Missouri	17
15	Mississippi	16
16	Maine	16
17	Kentucky	15
18	Idaho	14
19	Nebraska	14
20	Ohio	14
21	District of Columbia	13
22	Arkansas	13
23	Florida	13
24	Virginia	12
25	New Hampshire	11
26	Rhode Island	11
27	Connecticut	11
28	Georgia	10
29	Alaska	10
30	Wisconsin	10
31	Texas	10
32	Massachusetts	9
33	Iowa	9
34	Oklahoma	9
35	Illinois	8
36	Montana	8
37	Wyoming	8
38	Maryland	8
39	New Mexico	7
40	Hawaii	7
41	Oregon	7
42	Washington	6
43	New Jersey	6
44	Colorado	6
45	Vermont	6
46	Utah	5
47	New York	5
48	Indiana	4
49	Arizona	4
50	California	3
51	Nevada	2
United States		11

Source: National Center for the Analysis of Healthcare Data (2012).

Oral Health Workforce Rankings

Dentists per 100,000 Population – 2009

Rank	State	Dentists per 100,000 Population
1	District of Columbia	108
2	Massachusetts	83
3	Hawaii	81
4	New Jersey	81
5	California	78
6	Connecticut	77
7	New York	77
8	Alaska	76
9	Maryland	74
10	Washington	71
11	Oregon	69
12	Colorado	66
13	Illinois	65
14	Utah	65
15	New Hampshire	63
16	Nebraska	62
17	Pennsylvania	62
18	Michigan	61
19	Minnesota	61
20	Virginia	61
21	Idaho	60
22	Montana	60
23	Vermont	57
24	Wisconsin	57
25	Kentucky	56
26	Rhode Island	55
27	Iowa	54
28	Florida	53
29	Ohio	53
30	Arizona	52
31	Nevada	52
32	North Dakota	52
33	Wyoming	52
34	Kansas	51
35	South Dakota	51
36	Maine	50
37	Oklahoma	50
38	Tennessee	49
39	Indiana	48
40	Missouri	48
41	Louisiana	47
42	New Mexico	47
43	Texas	47
44	West Virginia	47
45	Delaware	46
46	North Carolina	46
47	South Carolina	46
48	Georgia	45
49	Alabama	44
50	Arkansas	40
51	Mississippi	40
	United States	61

Source: O'Leary Morgan and Morgan (2011).

Dental Hygienists per 100,000 Population – 2009

Rank	State	Dental Hygienists per 100,000 Population
1	Michigan	92
2	Vermont	92
3	Maine	89
4	New Hampshire	86
5	Minnesota	84
6	Connecticut	82
7	Massachusetts	82
8	Alabama	77
9	Oregon	77
10	Idaho	76
11	North Dakota	72
12	Rhode Island	68
13	Alaska	64
14	Kansas	64
15	Colorado	64
16	South Dakota	62
17	Indiana	62
18	Delaware	62
19	Washington	61
20	Ohio	59
21	Pennsylvania	58
22	Iowa	58
23	Georgia	57
24	Florida	57
25	West Virginia	56
26	North Carolina	55
27	Nebraska	54
28	Hawaii	53
29	New Jersey	52
30	Illinois	51
31	Virginia	50
32	Tennessee	50
33	Kentucky	48
34	Oklahoma	47
35	Arizona	47
36	New York	46
37	New Mexico	45
38	Maryland	44
39	Arkansas	42
40	Nevada	41
41	Texas	40
42	Louisiana	40
43	Missouri	39
44	Mississippi	39
45	Montana	37
46	District of Columbia	37
47	Wisconsin	31
48	South Carolina	29
49	Utah	5
50	California	0
51	Wyoming	N/A
	United States	48

Source: National Center for the Analysis of Healthcare Data (2012).

Mental and Behavioral Health Workforce Rankings

Physicians in Psychiatry per 100,000 Population – 2009

Rank	State	Physicians (MDs) per 100,000 Population
1	District of Columbia	54
2	Massachusetts	32
3	New York	27
4	Vermont	26
5	Connecticut	25
6	Maryland	23
7	Rhode Island	22
8	Hawaii	19
9	Maine	17
10	New Jersey	16
11	California	15
12	Pennsylvania	15
13	New Hampshire	14
14	New Mexico	14
15	Virginia	14
16	North Dakota	13
17	Oregon	13
18	Colorado	12
19	Illinois	12
20	North Carolina	12
21	Washington	12
22	Delaware	11
23	Minnesota	11
24	Alaska	10
25	Kansas	10
26	Louisiana	10
27	Michigan	10
28	Missouri	10
29	Nebraska	10
30	Ohio	10
31	South Carolina	10
32	Tennessee	10
33	Wisconsin	10
34	Arizona	9
35	Florida	9
36	Georgia	9
37	Kentucky	9
38	West Virginia	9
39	Wyoming	9
40	Arkansas	8
41	Montana	8
42	Oklahoma	8
43	South Dakota	8
44	Texas	8
45	Utah	8
46	Alabama	7
47	Indiana	7
48	Iowa	7
49	Mississippi	7
50	Nevada	7
51	Idaho	5
	United States	13

Source: O'Leary Morgan and Morgan (2011).

Psychologists per 100,000 Population – 2009

Rank	State	Psychologists per 100,000 Population
1	District of Columbia	111
2	Vermont	80
3	Massachusetts	70
4	Hawaii	50
5	New York	49
6	Minnesota	46
7	Rhode Island	46
8	Connecticut	45
9	Maine	45
10	Colorado	42
11	Pennsylvania	41
12	California	40
13	Maryland	38
14	New Hampshire	35
15	New Jersey	34
16	Oregon	33
17	Kansas	33
18	Virginia	32
19	Illinois	31
20	Wyoming	29
21	Ohio	29
22	Kentucky	29
23	Washington	28
24	North Dakota	27
25	New Mexico	27
26	Delaware	26
27	Utah	25
28	Missouri	25
29	Michigan	24
30	Nebraska	23
31	Montana	21
32	Florida	21
33	Arizona	20
34	North Carolina	20
35	Alaska	20
36	Tennessee	20
37	South Dakota	19
38	Georgia	19
39	Indiana	19
40	Texas	15
41	Iowa	15
42	Idaho	15
43	Arkansas	14
44	Oklahoma	14
45	Wisconsin	13
46	Louisiana	13
47	Nevada	13
48	Alabama	12
49	South Carolina	11
50	Mississippi	10
51	West Virginia	N/A
	United States	29

Source: National Center for the Analysis of Healthcare Data (2012).

Allied Health Workforce Rankings

Audiologists per 100,000 Population – 2009

Rank	State	Audiologists per 100,000 Population
1	Minnesota	7
2	Colorado	7
3	Ohio	7
4	Iowa	7
5	Nebraska	7
6	Utah	7
7	West Virginia	6
8	Montana	6
9	Kansas	6
10	Massachusetts	6
11	New York	6
12	Connecticut	6
13	Maryland	6
14	North Carolina	6
15	Washington	5
16	Louisiana	5
17	Rhode Island	5
18	Illinois	5
19	Oregon	5
20	Alabama	5
21	Missouri	5
22	Alaska	5
23	Michigan	5
24	Tennessee	5
25	Vermont	5
26	Indiana	5
27	Maine	5
28	New Jersey	5
29	Florida	5
30	Idaho	5
31	Arkansas	4
32	Mississippi	4
33	Virginia	4
34	Hawaii	4
35	Oklahoma	4
36	Delaware	4
37	Texas	4
38	Georgia	4
39	South Carolina	3
40	Kentucky	3
41	District of Columbia	3
42	Nevada	3
43	Wisconsin	2
44	New Mexico	2
45	Arizona	N/A
46	California	N/A
47	New Hampshire	N/A
48	North Dakota	N/A
49	Pennsylvania	N/A
50	South Dakota	N/A
51	Wyoming	N/A
	United States	4

Source: National Center for the Analysis of Healthcare Data (2012).

Chiropractors per 100,000 Population – 2009

Rank	State	Chiropractors per 100,000 Population
1	Minnesota	47
2	Iowa	47
3	North Dakota	47
4	South Dakota	44
5	Colorado	36
6	Oregon	35
7	Montana	35
8	California	34
9	New Jersey	33
10	Kansas	32
11	Washington	32
12	Alaska	31
13	Idaho	31
14	Missouri	30
15	Illinois	30
16	Pennsylvania	30
17	Nebraska	29
18	Vermont	29
19	Arizona	29
20	Hawaii	26
21	Georgia	26
22	New Hampshire	26
23	Utah	25
24	Connecticut	25
25	Maine	25
26	Michigan	24
27	South Carolina	24
28	Florida	24
29	Massachusetts	23
30	New York	23
31	Nevada	23
32	New Mexico	21
33	Oklahoma	20
34	Delaware	19
35	Ohio	19
36	Texas	19
37	Rhode Island	19
38	Kentucky	18
39	North Carolina	17
40	Arkansas	17
41	Indiana	16
42	Virginia	16
43	Tennessee	15
44	West Virginia	14
45	Alabama	14
46	Louisiana	13
47	Maryland	11
48	Mississippi	10
49	District of Columbia	8
50	Wisconsin	7
51	Wyoming	N/A
	United States	25

Source: National Center for the Analysis of Healthcare Data (2012).

**Emergency Medical Technicians and Paramedics per 100,000
Population – 2009**

Rank	State	Emergency Medical Technicians (EMTs) and Paramedics per 100,000 Population
1	Missouri	140
2	West Virginia	114
3	Wyoming	114
4	Kentucky	106
5	New Hampshire	105
6	North Dakota	104
7	Maine	103
8	Tennessee	103
9	Pennsylvania	102
10	Wisconsin	101
11	Massachusetts	96
12	North Carolina	95
13	Kansas	94
14	South Carolina	95
15	South Dakota	94
16	Indiana	88
17	Vermont	87
18	Connecticut	86
19	Delaware	86
20	New jersey	86
21	Minnesota	83
22	Illinois	82
23	Montana	82
24	Iowa	79
25	Ohio	76
26	Georgia	75
27	Oklahoma	74
28	Alabama	70
29	Michigan	70
30	New York	69
31	Maryland	68
32	Louisiana	67
33	Utah	67
34	Rhode island	65
35	Arkansas	64
36	Colorado	63
37	Oregon	62
38	Arizona	57
39	Texas	56
40	Virginia	54
41	Mississippi	53
42	Alaska	50
43	Florida	49
44	New Mexico	47
45	Nevada	45
46	Washington	44
47	California	40
48	Hawaii	39
49	Idaho	36
50	District of Columbia	N/A
51	Nebraska	N/A
	United States	71

Source: O'Leary Morgan and Morgan (2011).

Optometrists per 100,000 Population – 2009

Rank	State	Optometrists per 100,000 Population
1	Hawaii	22
2	North Dakota	17
3	Colorado	15
4	South Dakota	15
5	Wyoming	15
6	Illinois	14
7	Kansas	13
8	Nebraska	13
9	Oklahoma	13
10	Oregon	13
11	District of Columbia	12
12	Arizona	12
13	Delaware	12
14	Iowa	12
15	Pennsylvania	12
16	Idaho	11
17	Missouri	11
18	Arkansas	10
19	Massachusetts	10
20	Minnesota	10
21	Wisconsin	10
22	Alaska	9
23	Indiana	9
24	Maine	9
25	Michigan	9
26	Mississippi	9
27	Montana	9
28	New York	9
29	New Hampshire	8
30	New Mexico	8
31	Ohio	8
32	Rhode Island	8
33	South Carolina	8
34	Vermont	8
35	Virginia	8
36	California	7
37	Kentucky	7
38	Maryland	7
39	North Carolina	7
40	Texas	7
41	Utah	7
42	Washington	7
43	West Virginia	7
44	Alabama	6
45	Florida	6
46	Georgia	6
47	Louisiana	6
48	New Jersey	6
49	Nevada	5
50	Tennessee	5
51	Connecticut	4
	United States	9

Source: O'Leary Morgan and Morgan (2011).

Pharmacists per 100,000 Population – 2009

Rank	State	Pharmacists per 100,000 Population
1	New Hampshire	145
2	North Dakota	136
3	Nebraska	125
4	Rhode Island	118
5	South Dakota	118
6	Montana	109
7	Indiana	107
8	West Virginia	107
9	Iowa	106
10	Minnesota	105
11	Tennessee	104
12	District of Columbia	103
13	Ohio	102
14	Kentucky	99
15	Massachusetts	99
16	Arkansas	98
17	South Carolina	98
18	Virginia	98
19	Alabama	97
20	Kansas	97
21	Louisiana	96
22	New Jersey	95
23	Missouri	92
24	Oregon	92
25	Pennsylvania	92
26	Wisconsin	92
27	Florida	91
28	Michigan	91
29	Maine	90
30	Maryland	90
31	Washington	88
32	Oklahoma	87
33	Colorado	86
34	Nevada	86
35	North Carolina	86
36	Wyoming	85
37	Idaho	83
38	New York	83
39	Texas	83
40	Delaware	82
41	Georgia	82
42	Mississippi	79
43	Illinois	77
44	New Mexico	77
45	Connecticut	76
46	Utah	74
47	Vermont	74
48	Arizona	73
49	Hawaii	71
50	California	62
51	Alaska	56
	United States	87

Source: O'Leary Morgan and Morgan (2011).

Physical Therapists per 100,000 Population – 2009

Rank	State	Physical Therapists per 100,000 Population
1	Vermont	113
2	Connecticut	100
3	Massachusetts	96
4	New Hampshire	94
5	Montana	84
6	Maine	83
7	Hawaii	77
8	Pennsylvania	73
9	Wisconsin	73
10	Wyoming	73
11	New Jersey	70
12	South Dakota	70
13	Delaware	68
14	New York	68
15	Missouri	67
16	Michigan	66
17	Nebraska	66
18	Colorado	65
19	Indiana	65
20	Maryland	65
21	North Dakota	65
22	Oregon	64
23	Ohio	62
24	Tennessee	61
25	Illinois	60
26	Kansas	60
27	Alaska	59
28	Florida	59
29	Rhode Island	59
30	Washington	58
31	Arkansas	57
32	Minnesota	57
33	Idaho	56
34	Iowa	54
35	Kentucky	51
36	Mississippi	50
37	South Carolina	50
38	Virginia	50
39	Louisiana	49
40	Oklahoma	49
41	Nevada	48
42	District of Columbia	47
43	West Virginia	47
44	North Carolina	46
45	Texas	45
46	Arizona	42
47	New Mexico	42
48	California	39
49	Georgia	39
50	Utah	39
51	Alabama	37
	United States	57

Source: O'Leary Morgan and Morgan (2011).

Podiatrists per 100,000 Population – 2009

Rank	State	Podiatrists per 100,000 Population
1	Delaware	9
2	Maryland	7
3	Nebraska	7
4	Arizona	6
5	Montana	6
6	Utah	6
7	Wyoming	6
8	New Jersey	5
9	New York	5
10	Ohio	5
11	Virginia	5
12	Connecticut	4
13	Florida	4
14	Massachusetts	4
15	Pennsylvania	4
16	Alabama	3
17	Illinois	3
18	Kansas	3
19	Michigan	3
20	Minnesota	3
21	Oklahoma	3
22	California	2
23	Colorado	2
24	Indiana	2
25	Iowa	2
26	Kentucky	2
27	Louisiana	2
28	Missouri	2
29	Nevada	2
30	New Hampshire	2
31	New Mexico	2
32	North Carolina	2
33	South Carolina	2
34	Tennessee	2
35	Texas	2
36	Washington	2
37	Wisconsin	2
38	Arkansas	1
39	Georgia	1
40	Mississippi	1
41	Oregon	1
42	Alaska	N/A
43	District of Columbia	N/A
44	Hawaii	N/A
45	Idaho	N/A
46	Maine	N/A
47	North Dakota	N/A
48	Rhode Island	N/A
49	South Dakota	N/A
50	Vermont	N/A
51	West Virginia	N/A
	United States	3

Source: O'Leary Morgan and Morgan (2011).

Speech-Language Pathologists per 100,000 Population – 2009

Rank	State	Speech-Language Pathologists per 100,000 Population
1	New York	66
2	Massachusetts	61
3	Arkansas	61
4	New Mexico	59
5	Maine	58
6	Connecticut	57
7	Louisiana	55
8	Kansas	53
9	North Carolina	47
10	Illinois	47
11	Ohio	46
12	New Jersey	46
13	Kentucky	44
14	Pennsylvania	43
15	Maryland	42
16	Missouri	41
17	Oklahoma	39
18	Montana	38
19	Texas	36
20	Hawaii	35
21	Mississippi	35
22	Delaware	34
23	New Hampshire	34
24	Florida	33
25	West Virginia	32
26	Nebraska	31
27	South Carolina	31
28	Georgia	29
29	Indiana	29
30	Oregon	29
31	Idaho	29
32	Virginia	28
33	Alabama	26
34	Rhode Island	26
35	Tennessee	25
36	Iowa	24
37	Washington	24
38	Alaska	22
39	Minnesota	22
40	Nevada	21
41	Vermont	21
42	Utah	19
43	District of Columbia	13
44	Wisconsin	9
45	New York	N/A
46	Massachusetts	N/A
47	Arkansas	N/A
48	New Mexico	N/A
49	Maine	N/A
50	Connecticut	N/A
51	Louisiana	N/A
	United States	32

Source: National Center for the Analysis of Healthcare Data (2012).

Health Workforce in Nevada – 2013 Edition

Appendix 4 – Graduates of Health Care Education Degree and Certificate Programs in Nevada

Appendix 4 – *Graduates of Health Care Education Degree and Certificate Programs in Nevada* – provides an inventory of health care degree and certificate programs in both public and private higher education institutions in Nevada. The data contained in this appendix were downloaded from the Integrated Postsecondary Education Data System (IPEDS) maintained by the National Center for Education Statistics (NCES) <http://nces.ed.gov/ipeds/>. Each table contains the number of awards reported to NCES from institutions in Nevada since Academic Year 2006-2007. Note: All data for Academic Year 2011-2012 are provisional and subject to change pending final approval by NCES.

The tables are organized according to the Classification of Instructional Programs (CIP). CIP is a taxonomic scheme developed by the NCES in 1980 that supports the accurate tracking and reporting of fields of study and program completions activity. Each table contains data on the number of awards by CIP heading/code, e.g., Medicine (51.12), Registered Nursing/Registered Nurse (51.3801), Pharmacy (51.2001). Cells with missing or no data are noted in the following manner:

-  Current Nevada program information and/or award data are unavailable
-  No Nevada program exists, thus no degrees or certificates were awarded
-  A Nevada program exists, yet no degrees or certificates were awarded in that year(s)

The tables contained in *Appendix 4 – Awards of Health Care Education Degree and Certificate Programs in Nevada* – are organized in the following categories:

- Medicine and Primary Care Programs
- Nursing Programs
- Oral Health Programs
- Mental and Behavioral Health Programs
- Pharmacy Programs
- Public Health Programs
- Health Care Administration and Support Programs
- Allied Health and Other Health-Related Programs

Medicine and Primary Care Programs

Medicine (51.12)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada School of Medicine – Reno	53	49	51	55	55	56
Nevada Total	53	49	51	55	55	56

Osteopathic Medicine/Osteopathy (51.19)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – Touro University Nevada – Las Vegas	/	/	/	120	115	125
Nevada Total	/	/	/	120	115	125

Medical Residency Programs – General Certificates (60.04)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
University of Nevada School of Medicine – Las Vegas	37	44	46	45	46	45
University of Nevada School of Medicine – Reno	19	17	22	16	20	18
Nevada Total	56	51	68	61	66	63

Medical Residency Programs – Subspecialty Certificates (60.05)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
University of Nevada School of Medicine – Las Vegas	3	5	6	4	7	11
University of Nevada School of Medicine – Reno	0	3	5	7	7	5
Nevada Total	3	8	11	11	14	16

Pre-Medicine/Pre-Medical Studies (51.1102)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Physician Assistant (51.0912)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – Touro University Nevada – Las Vegas	/	/	/	52	54	53
Nevada Total	/	/	/	52	54	53

Nursing Programs

Registered Nursing/Registered Nurse (51.3801)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – Great Basin College – Elko	5	3	4	7	3	15
Bachelor's – Nevada State College – Henderson	92	98	82	99	101	86
Bachelor's – Roseman University of Health Sciences – Henderson	0	56	50	68	72	122
Bachelor's – Touro University Nevada – Henderson	/	/	/	76	81	89
Bachelor's – University of Nevada, Las Vegas	127	136	138	102	101	107
Bachelor's – University of Nevada, Reno	102	107	112	111	102	108
Bachelor's – University of Phoenix – Las Vegas	/	/	/	/	1	/
<i>Subtotal – Bachelor's Degrees</i>	326	400	386	463	437	527
Associate's – Carrington – Las Vegas	/	/	/	94	70	/
Associate's – Carrington – Reno	/	/	/	0	42	/
Associate's – College of Southern Nevada – Las Vegas	188	170	201	160	185	184
Associate's – Great Basin College – Elko	17	15	10	22	20	19
Associate's – ITT Technical Institute – Las Vegas	/	/	/	0	0	/
Associate's – Pima Medical Institute – Las Vegas	/	/	/	/	/	/
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	70	84
Associate's – Western Nevada College – Carson City	45	49	46	58	37	41
<i>Subtotal – Associate's Degrees</i>	250	234	257	334	424	318
Certificate – Truckee Meadows Community College – Reno	67	53	60	53	/	/
<i>Subtotal – Certificates</i>	67	53	60	53	/	/
Nevada Total	643	687	703	850	861	845

Registered Nurses (51.3801)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	25	38	47	61	24	39
Nevada Total	25	38	47	61	24	39

Adult Health Nurse/Nursing (51.3803)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Las Vegas	/	/	/	/	/	0
Nevada Total	/	/	/	/	/	0

Family Practice Nurse/Nursing (51.3805)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – University of Nevada, Las Vegas	4	0	0	0	0	0
Nevada Total	4	0	0	0	0	0

Nursing Administration (51.3802)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master’s – University of Nevada, Reno	20	17	11	11	24	24
Master’s – University of Phoenix – Las Vegas	/	/	/	0	/	/
<i>Subtotal – Master’s Degrees</i>	20	17	11	11	24	24
Bachelor’s – University of Phoenix – Las Vegas	/	/	/	0	/	/
<i>Subtotal – Bachelor’s Degrees</i>	/	/	/	0	/	/
Nevada Total	20	17	11	11	24	24

Nursing Science (51.3808)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor’s – University of Nevada, Las Vegas	/	2	1	8	3	18
<i>Subtotal – Doctor’s Degrees</i>	/	2	1	8	3	18
Master’s – Touro University Nevada – Las Vegas	/	/	/	4	7	6
<i>Subtotal – Master’s Degrees</i>	/	/	/	4	7	6
Nevada Total	/	2	1	12	10	24

Pediatric Nurse/Nursing (51.3809)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – University of Nevada, Las Vegas	/	/	/	/	1	0
Nevada Total	/	/	/	/	1	0

Clinical Nurse Specialist (51.3813)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – University of Nevada, Las Vegas	1	3	0	3	0	0
Nevada Total	1	3	0	3	0	0

Nursing Education (51.3817)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	/	/	/	0	/	/
<i>Subtotal – Bachelor's Degrees</i>	/	/	/	0	/	/
Certificate – University of Nevada, Las Vegas	/	3	/	/	1	1
<i>Subtotal – Certificates</i>	/	3	/	/	1	1
Nevada Total	/	3	/	0	1	1

Nursing Practice (51.3818)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – Touro University Nevada – Henderson	/	/	/	4	4	1
<i>Subtotal – Doctor's Degrees</i>	/	/	/	4	4	1
Associate's – Everest College – Henderson	/	/	/	/	/	0
<i>Subtotal – Associate's Degrees</i>	/	/	/	/	/	0
Nevada Total	/	/	/	4	4	1

Nursing, Other (51.3899)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Las Vegas	/	/	/	/	/	9
<i>Subtotal – Doctor's Degrees</i>	/	/	/	/	/	9
Bachelor's – University of Nevada, Las Vegas	/	1	1	/	1	/
<i>Subtotal – Bachelor's Degrees</i>	/	1	1	/	1	/
Nevada Total	/	1	1	/	1	9

Licensed Practical/Vocational Nurse Training (51.3901)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – College of Southern Nevada – Las Vegas	20	25	26	21	17	14
Certificate – Kaplan College – Las Vegas	/	/	/	/	56	/
Certificate – University of Nevada, Las Vegas	/	/	/	/	/	/
Certificate – Western Nevada College – Carson City	1	1	0	0	0	0
Nevada Total	21	26	26	21	73	14

Nursing Assistant/Aide and Patient Care Assistant/Aide (51.3902)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	-	-	-	-	-	-
Nevada Total	-	-	-	-	-	-

Practical Nursing Vocational Nursing and Nursing Assistants (51.3999)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – Kaplan College – Las Vegas	/	/	/	22	/	/
Certificate – University of Nevada, Las Vegas	/	/	/	2	0	0
Nevada Total	/	/	/	24	0	0

Oral Health Programs

Dentistry (51.04)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – Roseman University of Health Sciences – Las Vegas	/	/	/	/	0	0
Doctor's – University of Nevada, Las Vegas	75	64	71	78	74	82
Nevada Total	75	64	71	78	74	82

Advanced/Graduate Dentistry and Oral Sciences (51.05)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – Roseman University of Health Sciences – Las Vegas	/	/	/	/	9	10
Certificate – University of Nevada, Las Vegas	/	32	16	0	1	5
Nevada Total	/	32	16	0	10	15

Dental Residency Program (60.01)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
University of Nevada, Las Vegas	/	/	/	/	/	/
Nevada Total	/	/	/	/	/	/

Pre-Dentistry Studies (51.1101)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Dental Assisting/Assistant (51.0601)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Anthem Institute – Las Vegas	30	9	/	/	/	/
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	2	2
<i>Subtotal – Associate's Degrees</i>	30	9	/	/	2	2
Certificate – Anthem Institute – Las Vegas	16	43	72	94	93	/
Certificate – College of Southern Nevada – Las Vegas	20	9	16	28	11	29
Certificate – Institute of Professional Careers – Las Vegas	23	10	7	3	11	/
Certificate – Milan Institute Sparks – Sparks	/	/	43	61	58	/
Certificate – Northwest Health Careers – Las Vegas	30	16	28	34	33	/
Certificate – Pima Medical Institute – Las Vegas	42	61	56	62	94	/
Certificate – Truckee Meadows Community College – Reno	17	16	26	30	20	14
<i>Subtotal – Certificates</i>	148	155	248	312	320	43
Nevada Total	178	164	248	312	322	45

Dental Hygiene/Hygienist (51.0602)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – College of Southern Nevada – Las Vegas	16	9	9	6	20	14
<i>Subtotal – Bachelor's Degrees</i>	16	9	9	6	20	14
Associate's – College of Southern Nevada – Las Vegas	20	24	16	21	28	21
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	14	/
<i>Subtotal – Associate's Degrees</i>	20	24	16	21	42	21
Certificate – Truckee Meadows Community College – Reno	8	8	0	0	/	0
<i>Subtotal – Certificates</i>	8	8	0	0	/	0
Nevada Total	44	41	25	27	62	35

Dental Laboratory Technologist/Technician (51.0603)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Dental Services and Allied Professions, Other (51.0699)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	/	12
Nevada Total	/	/	/	/	/	12

Mental Health Programs

Clinical Counseling and Applied Psychology (42.2803)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	/	/	15	/	/	/
Master's – University of Phoenix – Las Vegas	/	/	/	54	/	/
Master's – University of Phoenix – Reno	/	15	2	4	/	/
Nevada Total	/	15	17	58	/	/

Clinical Pastoral Counseling/Patient Counseling (51.1506)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Clinical/Medical Social Work (51.1503)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Community Health Sciences/Liaison/Counseling (51.1504)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Genetic Counseling/Counselor (51.1509)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Marriage and Family Therapy/Counseling (51.1505)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	/	/	10	4	0	0
Master's – University of Phoenix – Las Vegas	/	/	/	/	48	/
Master's – University of Phoenix – Reno	/	/	/	/	7	/
<i>Subtotal – Master's Degrees</i>	/	/	10	4	55	0
Certificate – University of Nevada, Las Vegas	/	/	1	0	1	0
<i>Subtotal – Certificates</i>	/	/	1	0	1	0
Nevada Total	/	/	11	4	56	0

Mental Health Counseling/Counselor (51.1508)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	/	/	/	0	/	/
Bachelor's – University of Phoenix – Reno	/	/	/	0	/	/
<i>Subtotal – Bachelor's Degrees</i>	/	/	/	0	/	/
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	2	0
<i>Subtotal – Associate's Degrees</i>	/	/	/	/	2	0
Nevada Total	/	/	/	0	2	0

Mental and Social Health Services and Allied Professions, Other (51.1599)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	/	2
<i>Subtotal – Associate's Degrees</i>	/	/	/	/	/	2
Certificate – Great Basin College – Elko	/	/	/	1	0	/
<i>Subtotal – Certificates</i>	/	/	/	1	0	/
Nevada Total	/	/	/	1	0	2

Psychology (42.0101)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Las Vegas	8	9	11	11	13	8
Doctor's – University of Nevada, Reno	15	16	19	10	11	11
<i>Subtotal – Doctor's Degrees</i>	23	25	30	21	24	19
Master's – University of Nevada, Las Vegas	4	13	5	7	12	11
Master's – University of Nevada, Reno	10	22	38	21	18	14
<i>Subtotal – Master's Degrees</i>	14	35	43	28	30	25
Bachelor's – Nevada State College – Las Vegas	13	7	15	22	37	40
Bachelor's – Sierra Nevada College – Incline Village	3	6	6	4	5	/
Bachelor's – University of Nevada, Las Vegas	241	266	274	258	313	281
Bachelor's – University of Nevada, Reno	126	132	94	152	106	134
Bachelor's – University of Phoenix – Las Vegas	/	/	/	0	/	/
<i>Subtotal – Bachelor's</i>	383	411	389	436	461	455
Associate's – College of Southern Nevada – Las Vegas	36	39	48	48	69	70
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	2	16
<i>Subtotal – Associate's Degrees</i>	36	39	48	48	71	86
Nevada Total	456	510	510	533	586	585

Psychiatric/Mental Health Services Technician (51.1502)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	1	/	/	2	2	1
Associate's – Great Basin College – Elko	/	/	/	0	/	/
Associate's – Truckee Meadows Community College – Reno	1	5	1	0	/	/
<i>Subtotal – Associate's Degrees</i>	2	5	1	2	2	1
Certificate – College of Southern Nevada – Las Vegas	3	1	/	1	/	1
Certificate – Great Basin College – Elko	/	/	/	/	0	/
<i>Subtotal – Certificates</i>	3	1	/	1	0	1
Nevada Total	5	6	1	3	2	2

Psychoanalysis and Psychotherapy (51.1507)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Social Work (44.0701)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	57	66	66	63	70	54
Master's – University of Nevada, Reno	19	25	22	26	21	23
<i>Subtotal – Master's Degrees</i>	76	97	88	89	91	77
Bachelor's – University of Nevada, Las Vegas	43	53	44	41	49	45
Bachelor's – University of Nevada, Reno	45	36	44	57	60	53
<i>Subtotal – Bachelor's Degrees</i>	88	89	88	98	109	98
Nevada Total	164	186	176	187	200	175

Substance Abuse/Addiction Counseling (51.1501)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	1	/	/	/	/	/
Associate's – Truckee Meadows Community College – Reno	0	3	1	2	2	3
<i>Subtotal – Associate's Degrees</i>	1	3	1	2	2	3
Certificate – Great Basin College – Elko	/	/	/	/	/	4
Certificate – University of Nevada, Las Vegas	/	2	0	1	1	2
<i>Subtotal – Certificates</i>	/	2	0	1	1	6
Nevada Total	1	5	1	3	3	9

Pharmacy Programs

Pharmacy (51.2001)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – Roseman University of Health Sciences – Las Vegas	123	123	133	130	129	143
Nevada Total	123	123	133	130	129	143

Pharmacology (26.1001)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	2	4	5	3	7	3
Nevada Total	2	4	5	3	7	3

Pre-Pharmacy Studies (51.1103)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Pharmacy Technician (51.0805)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Anthem Institute – Las Vegas	26	17	1	/	/	/
Associate's – Kaplan – Las Vegas	/	/	1	/	/	/
<i>Subtotal – Associate's Degrees</i>	26	17	2	/	/	/
Certificate – Anthem Institute – Las Vegas	1	12	39	71	71	/
Certificate – Career College of Northern Nevada – Sparks	/	/	6	13	26	/
Certificate – College of Southern Nevada – Las Vegas	11	3	11	15	20	13
Certificate – Kaplan College – Las Vegas	50	41	37	111	128	/
Certificate – Milan Institute – Sparks	19	16	21	36	24	/
Certificate – Pima Medical Institute – Las Vegas	35	31	48	80	80	/
<i>Subtotal – Certificates</i>	116	103	162	326	349	13
Nevada Total	142	120	164	326	349	13

Public Health Programs

Public Health – General (51.2201)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Las Vegas	/	/	/	/	/	1
<i>Subtotal – Doctor's Degrees</i>	/	/	/	/	/	1
Master's – University of Nevada, Las Vegas	18	16	23	24	39	30
Master's – University of Nevada, Reno	5	7	11	14	9	21
<i>Subtotal – Master's Degrees</i>	23	23	34	38	48	51
Bachelor's – University of Nevada, Las Vegas	5	4	4	4	3	5
Bachelor's – University of Nevada, Reno	/	/	/	/	/	/
<i>Subtotal – Bachelor's Degrees</i>	5	7	4	4	3	5
Nevada Total	28	27	38	42	51	57

Health Professions and Related Clinical Sciences (51.0000)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Reno	/	/	/	/	/	84
<i>Subtotal – Bachelor's Degrees</i>	/	/	/	/	/	84
Certificates – Truckee Meadows Community College – Reno	/	/	/	/	/	2
<i>Subtotal – Certificates</i>	/	/	/	/	/	2
Nevada Total	/	/	/	/	/	86

Health Professions and Related Clinical Sciences, Other (51.9999)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Reno	68	63	82	88	58	30
Nevada Total	68	63	82	88	58	30

Health/Medical Physics (51.2205)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	4	4	5	2	3	3
<i>Subtotal – Master's Degrees</i>	4	4	5	2	3	3
Bachelor's – University of Nevada, Las Vegas	2	1	2	1	1	3
<i>Subtotal – Bachelor's Degrees</i>	2	1	2	1	1	3
Nevada Total	6	5	7	3	4	6

Health Care Administration and Support Programs

Clinical Research Coordinator (51.0719)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Health/Health Care Administration/Management (51.0701)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	/	/	/	/	15	21
Master's – University of Phoenix – Las Vegas	/	/	1	2	/	/
Master's – University of Phoenix – Reno	/	/	1	1	/	/
<i>Subtotal – Master's Degrees</i>	/	/	2	3	15	21
Bachelor's – University of Nevada, Las Vegas	12	18	20	22	31	28
Bachelor's – University of Phoenix – Las Vegas	/	/	/	0	3	/
Bachelor's – University of Phoenix – Reno	/	/	/	0	/	/
<i>Subtotal – Bachelor's Degrees</i>	12	18	20	22	34	28
Associate's – Anthem Institute – Las Vegas	18	13	2	/	/	/
Associate's – College of Southern Nevada – Las Vegas	5	4	4	/	/	/
Associate's – Kaplan College – Las Vegas	1	3	1	/	/	/
Associate's – Pima Medical Institute Las Vegas – Las Vegas	/	/	/	/	1	/
<i>Subtotal – Associate's Degrees</i>	24	20	7	/	1	/
Certificate – Milan Institute – Sparks	/	/	0	14	/	/
<i>Subtotal – Certificates</i>	/	/	0	14	/	/
Nevada Total	36	38	29	39	50	49

Hospital and Health Care Facilities Administration/Management (51.0702)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	/	/	/	/	2	/
Nevada Total	/	/	/	/	2	/

Health and Medical Administrative Services, Other (51.0799)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – Anthem Institute – Las Vegas	/	/	/	/	93	/
Certificate – College of Southern Nevada – Las Vegas	11	11	18	10	31	/
Certificate – Everest College – Henderson	14	24	33	28	112	/
Nevada Total	25	35	51	38	236	/

Health Information/Medical Records Administration (51.0706)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	/	/	/	/	1	/
Nevada Total	/	/	/	/	1	/

Health Information/Medical Records Technology/Technician (51.0707)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	/	/	/	0	/	/
Bachelor's – University of Phoenix – Reno	/	/	/	0	/	/
<i>Subtotal – Bachelor's Degrees</i>	/	/	/	0	/	/
Associate's – Career College of Northern Nevada – Sparks	/	/	0	0	23	/
Associate's – College of Southern Nevada – Las Vegas	5	4	4	3	4	5
Associate's – ITT Technical Institute – Henderson	0	/	/	/	/	/
Associate's – Western Nevada College – Carson City	/	1	0	3	2	1
<i>Subtotal – Associate's Degrees</i>	5	5	4	6	29	6
Certificate – College of Southern Nevada – Las Vegas	3	3	11	6	12	5
Certificate – Great Basin College – Elko	/	/	1	3	1	/
Certificate – Western Nevada College – Carson City	/	1	2	6	11	0
<i>Subtotal – Certificates</i>	3	4	13	15	24	5
Nevada Total	8	9	17	21	53	11

Health Services/Allied Health/Health Sciences, General (51.0000)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – Roseman University of Health Sciences – Las Vegas	/	/	/	/	7	28
Nevada Total	/	/	/	/	7	28

Health Unit Coordinator/Ward Clerk (51.0703)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Health Unit Manager/Ward Supervisor (51.0704)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Health/Medical Claims Examiner (51.0715)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	-	-	-	-	-	-
Nevada Total	-	-	-	-	-	-

Long Term Care Administration/Management (51.0718)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	/	/	/	0	/	/
Bachelor's – University of Phoenix – Reno	/	/	/	0	/	/
Nevada Total	/	/	/	0	/	/

Medical/Health Management and Clinical Assistant/Specialist (51.0711)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	-	-	-	-	-	-
Nevada Total	-	-	-	-	-	-

Medical Administrative/Executive Assistant and Medical Secretary (51.0716)	Awards and Certificates Rewarded					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Everest College – Henderson	1	/	/	/	/	/
Associate's – Kaplan College – Las Vegas	1	3	1	/	/	/
Associate's – Truckee Meadows Community College – Reno	0	0	0	0	/	/
<i>Subtotal – Associate's Degrees</i>	2	3	1	0	/	/
Certificate – Everest College – Henderson	/	/	/	28	105	/
Certificate – Kaplan College – Las Vegas	70	111	91	118	162	/
Certificate – Milan Institute – Sparks	17	5	0	14	101	/
Certificate – Pima Medical Institute – Las Vegas	34	41	56	75	/	/
<i>Subtotal – Certificates</i>	123	157	147	103	142	/
Nevada Total	125	160	148	235	368	/

Medical Insurance Coding Specialist/Coder (51.0713)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Kaplan College – Las Vegas	/	/	/	1	/	/
<i>Subtotal – Associate's Degrees</i>	/	/	/	1	/	/
Certificate – Career College of Northern Nevada – Sparks	39	45	/	/	/	/
Certificate – College of Southern Nevada – Las Vegas	/	/	/	/	/	4
Certificate – Everest College – Henderson	10	/	/	/	7	/
Certificate – Great Basin Community College – Elko	/	/	/	/	/	13
Certificate – Kaplan College – Las Vegas	/	/	/	/	162	/
<i>Subtotal – Certificates</i>	49	45	/	/	169	17
Nevada Total	49	45	/	1	169	17

Medical Insurance Specialist/Medical Biller (51.0714)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Anthem Institute – Las Vegas	18	13	2			
<i>Subtotal – Associate's Degrees</i>	18	13	2			
Certificate – Anthem Institute – Las Vegas	10	12	89	121		
Certificate – Career College of Northern Nevada – Sparks			50	5		
Certificate – Kaplan College – Las Vegas				118		
Certificate – Milan Institute – Sparks					27	
Certificate – Northwest Health Careers – Las Vegas	7	8	9	1	1	
<i>Subtotal – Certificates</i>	17	20	148	245	28	
Nevada Total	35	33	150	245	28	

Medical Office Assistant/Specialist (51.0710)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Truckee Meadows Community College – Reno	0	0	0	0		
<i>Subtotal – Associate's Degrees</i>	0	0	0	0		
Certificate – College of Southern Nevada – Las Vegas	8	8	7	4	19	22
Certificate – Kaplan College – Las Vegas						
Certificate – Northwest Health Careers – Las Vegas	24	0				
<i>Subtotal – Certificates</i>	32	8	7	4	19	22
Nevada Total	32	8	7	4	19	22

Medical Office Computer Specialist (51.0709)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Medical Office Management/Administration (51.0705)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – Academy of Healing Arts – Las Vegas	59	51	82	129		
Certificate – Nevada Career Institute – Las Vegas	57	43	3	26	23	
Nevada Total	116	94	85	155	23	

Medical Reception/Receptionist (51.0712)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Medical Staff Services Technology/Technician (51.0717)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	-	-	-	-	-	-
Nevada Total	-	-	-	-	-	-

Medical Transcription/Transcriptionist (51.0708)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – College of Southern Nevada – Las Vegas	/	/	/	/	/	9
Certificate – Great Basin College – Elko	/	/	1	0	/	7
Nevada Total	/	/	1	0	/	16

Allied Health and Other Health-Related Programs

Acupuncture and Oriental Medicine (51.3301)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Allied Health and Medical Assisting Services, Other (51.0899)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Everest College – Henderson	12	10	/	/	/	/
<i>Subtotal – Associate's Degree</i>	12	10	/	/	/	/
Certificate – Everest College – Henderson	27	9	18	/	/	/
Certificate – Northwest Health Careers – Las Vegas	5	14	23	24	41	/
<i>Subtotal – Certificates</i>	32	23	41	24	41	/
Nevada Total	44	33	41	24	41	/

Anatomy (26.0403)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	4	/	/	/	/	/
Nevada Total	4	/	/	/	/	/

Animal Assisted Therapy (51.2313)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Art Therapy/Therapist (51.2301)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Asian Bodywork Therapy (51.3502)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Assistive/Augmentative Technology and Rehabilitation Engineering (51.2312)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Athletic Training/Trainer (51.0913)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Las Vegas	19	7	11	9	9	11
Nevada Total	19	7	11	9	9	11

Audiology/Audiology and Speech Language Pathology (51.0204)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Reno	13	16	8	16	21	23
<i>Subtotal – Master's</i>	13	16	8	16	21	23
Bachelor's – Nevada State College – Las Vegas	1	5	0			
<i>Subtotal – Bachelor's Degrees</i>	1	5	0			
Nevada Total	14	21	8	16	21	23

Ayurvedic Medicine/Ayurveda (51.3305)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Behavioral Sciences (30.17)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Phoenix – Las Vegas	60	53	49		3	
Bachelor's – University of Phoenix – Reno	10	9	6			
Nevada Total	70	62	55		3	

Biochemistry – Biophysics and Molecular Biology (26.02)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	3	3	5	1	3	4
<i>Subtotal – Doctor's Degrees</i>	3	3	5	1	3	4
Master's – University of Nevada, Las Vegas	3	4	4	3	1	0
Master's – University of Nevada, Reno	2	1	/	/	2	2
<i>Subtotal – Master's Degrees</i>	5	5	4	3	3	2
Bachelor's – University of Nevada, Las Vegas	8	9	10	15	12	13
Bachelor's – University of Nevada, Reno	39	38	39	40	44	54
<i>Subtotal – Bachelor's Degrees</i>	47	47	49	55	56	67
Associate's – Western Nevada College – Carson City	/	1	2	0	/	/
<i>Subtotal – Associate's Degrees</i>	/	1	2	0	/	/
Nevada Total	55	56	60	59	62	73

Bioethics/Medical Ethics (51.32)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Biology – General (26.01)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Las Vegas	2	2	6	8	9	5
Doctor's – University of Nevada, Reno	2	5	9	6	8	1
<i>Subtotal – Doctor's Degrees</i>	4	7	15	14	17	6
Master's – University of Nevada, Las Vegas	5	3	8	3	3	3
Master's – University of Nevada, Reno	3	11	7	4	8	6
<i>Subtotal – Master's Degrees</i>	8	14	15	7	11	9
Bachelor's – Nevada State College – Las Vegas	1	3	5	7	7	14
Bachelor's – Sierra Nevada College – Incline Village	2	2	2	0	7	/
Bachelor's – University of Nevada, Las Vegas	126	143	118	164	147	147
Bachelor's – University of Nevada, Reno	138	134	134	135	126	145
<i>Subtotal – Bachelor's Degrees</i>	267	282	259	306	287	306
Associate's – College of Southern Nevada – Las Vegas	/	5	2	4	10	9
Associate's – Truckee Meadows Community College – Reno	/	/	/	1	2	0
Associate's – Western Nevada College – Carson City	/	/	1	2	/	13
<i>Subtotal – Associate's Degrees</i>	/	5	3	7	12	22
Nevada Total	279	304	292	329	327	343

Biological and Biomedical Sciences – Other (51.99)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – Nevada State College – Las Vegas	/	/	/	/	/	0
Nevada Total	/	/	/	/	/	0

Biology Technician/Biotechnology Laboratory Technician (41.0101)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	/	/	1	/	/	/
Nevada Total	/	/	1	/	/	/

Biomedical/Medical Engineering (14.05)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	/	/	1	1	1	1
<i>Subtotal – Doctor's Degrees</i>	/	/	1	1	1	1
Master's – University of Nevada, Las Vegas	/	/	1	0	1	1
Master's – University of Nevada, Reno	1	1	/	/	/	3
<i>Subtotal – Master's Degrees</i>	1	1	1	0	1	4
Nevada Total	1	1	2	1	2	5

Biophysics (26.0203)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Western Nevada College – Carson City	/	1	2	0	/	0
Nevada Total	/	1	2	0	/	0

Biotechnology (26.12)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Reno	10	4	10	5	11	4
<i>Subtotal – Master's Degrees</i>	10	4	10	5	11	4
Bachelor's – University of Nevada, Reno	/	/	/	/	/	4
<i>Subtotal – Bachelor's Degrees</i>	/	/	/	/	/	4
Nevada Total	10	4	10	5	11	8

Blood Bank Technology Specialist (51.1001)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Cardiopulmonary Technology/Technologist (51.0915)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Cardiovascular Technology/Technologist (51.0901)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Cell/Cellular Biology and Anatomical Sciences (26.0406)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	2	7	10	4	6	7
<i>Subtotal – Doctor's Degrees</i>	2	7	10	4	6	7
Master's – University of Nevada, Reno	2	3	/	4	4	2
<i>Subtotal – Master's Degrees</i>	2	3	/	4	4	2
Nevada Total	4	10	10	8	10	9

Chiropractic (51.0101)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Chiropractic Assistant/Technician (51.0813)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Clinical/Medical Laboratory Assistant (51.0802)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – Academy of Healing Arts – Las Vegas	137	172	238	/	/	/
Nevada Total	137	172	238	/	/	/

Clinical/Medical Laboratory Science/ Medical Technology/Technologist (51.1005)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Las Vegas	6	8	4	6	16	8
<i>Subtotal – Bachelor's Degrees</i>	6	8	4	6	16	8
Certificate – University of Nevada, Las Vegas	/	/	/	/	4	6
<i>Subtotal – Certificates</i>	/	/	/	/	4	6
Nevada Total	6	8	4	6	20	14

Clinical/Medical Laboratory Technician (51.1004)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Las Vegas	0	0	0	0	0	0
<i>Subtotal – Bachelor's Degrees</i>	0	0	0	0	0	0
Associate's – College of Southern Nevada – Las Vegas	/	5	4	7	8	/
<i>Subtotal – Associate's</i>	/	5	4	7	8	/
Certificate – College of Southern Nevada – Las Vegas	/	/	/	/	2	/
<i>Subtotal – Certificates</i>	/	/	/	/	2	/
Nevada Total	0	5	4	7	10	0

Clinical/Medical Laboratory and Allied Professionals (51.1099)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – College of Southern Nevada – Las Vegas	/	2	0	/	/	10
Nevada Total	/	2	0	/	/	10

Clinical Nutrition/Nutritionist (51.3102)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Cytogenetics/Genetics/Clinical Genetics Technology/Technologist (51.1010)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Cytotechnology/Cytotechnologist (51.1002)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Dance Therapy/Therapist (51.2302)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Diagnostic Medical Sonography/Sonographer and Ultrasound Technician (51.0910)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	23	16	19	20	22	19
<i>Subtotal – Associate's Degrees</i>	23	16	19	20	22	19
Certificate – Great Basin College – Elko	/	/	/	/	2	0
<i>Subtotal – Certificates</i>	/	/	/	/	2	0
Nevada Total	23	16	19	20	24	19

Dietetics/Dietitian (51.3101)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	1	1
Nevada Total	/	/	/	/	1	1

Dietetic Technician (51.3103)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Direct Entry Midwifery (51.3401)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Electrocardiograph Technology/Technologist (51.0902)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Electroneurodiagnostic/Electroencephalographic Technology/Technologist (51.0903)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Emergency Care Attendant (EMT Ambulance) (51.0810)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Emergency Medical Technology/Technician Paramedic (51.0904)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	2	5	3	1	7	1
<i>Subtotal – Associate's Degrees</i>	2	5	3	1	7	1
Certificate – College of Southern Nevada – Las Vegas	/	/	1	/	/	1
Certificate – Truckee Meadows Community College – Reno	0	0	0	0	1	0
<i>Subtotal – Certificates</i>	0	0	0	0	1	1
Nevada Total	2	5	4	1	8	2

Environmental Health Engineering (14.14)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	2	2	3	2	3	1
<i>Subtotal – Doctor's Degrees</i>	2	2	3	2	3	1
Master's – University of Nevada, Reno	6	2	4	3	/	4
<i>Subtotal – Master's Degrees</i>	6	2	4	3	/	4
Bachelor's – University of Nevada, Las Vegas	3	5	6	9	6	14
<i>Subtotal – Bachelor's Degrees</i>	3	5	6	9	6	14
Nevada Total	11	9	13	14	9	19

Foods, Nutrition and Wellness (19.0501)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Reno	1	1	1	/	/	1
<i>Subtotal – Master's Degrees</i>	1	1	1	/	/	1
Bachelor's – University of Nevada, Reno	31	1	/	3	3	1
<i>Subtotal – Bachelor's Degrees</i>	31	1	/	3	3	1
Associate's – Truckee Meadows Community College – Reno	/	/	/	/	1	4
<i>Subtotal – Associate's Degrees</i>	/	/	/	/	1	4
Nevada Total	32	2	1	3	4	6

Gene/Genetic Therapy (51.0914)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Gerontology (30.1101)	Certificates					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – University of Nevada, Las Vegas	4	3	1	8	2	6
Nevada Total	4	3	1	8	2	6

Health Aides (51.2601)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Hearing Instrument Specialist (51.0918)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Hematology Technology/Technician (51.1003)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Histologic Technician (51.1008)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Histologic Technology/Histotechnologist (51.1007)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Holistic Health (51.3306)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Home Health Aide/Home Attendants (51.2602)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Homeopathic Medicine/Naturopathy (51.3304)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Human Development – Family Studies and Related Services (19.07)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Reno	3	3	4	4	6	6
<i>Subtotal – Master's Degrees</i>	3	3	4	4	6	6
Bachelor's – University of Nevada, Las Vegas	/	/	/	/	/	0
Bachelor's – University of Nevada, Reno	65	31	39	45	54	59
<i>Subtotal – Bachelor's Degrees</i>	65	31	39	45	54	59
Associate's – College of Southern Nevada – Las Vegas	4	/	/	/	/	/
Associate's – Great Basin Community College – Elko	4	/	/	/	/	/
Associate's – Western Nevada College – Carson City	9	/	/	/	/	/
<i>Subtotal – Associate's Degrees</i>	17	/	/	/	/	/
Nevada Total	85	34	43	49	60	65

Kinesiology and Exercise Science (31.0503)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Las Vegas	9	10	13	16	21	18
<i>Subtotal – Master's Degrees</i>	9	10	13	16	21	18
Bachelor's – University of Nevada, Las Vegas	79	74	93	108	94	102
<i>Subtotal – Bachelor's Degrees</i>	79	74	93	108	94	102
Nevada Total	88	84	106	124	115	120

Kinesiotherapy/Kinesiotherapist (51.2311)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – College of Southern Nevada – Las Vegas	2	5				
Nevada Total	2	5				

Lactation Consultant (51.0815)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Magnetic Resonance Imaging (MRI) Technology/Technician (51.0920)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Mammography Technician/Technology (51.0919)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Medical/Clinical Assistant (51.0801)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Anthem Institute – Las Vegas	24	21	3			
Associate's – Career College of Northern Nevada – Sparks	27	26	27	38	60	
Associate's – Everest College – Henderson					49	
Associate's – Kaplan College – Las Vegas	1	0	1			
<i>Subtotal – Associate's Degrees</i>	52	47	31	38	109	
Certificate – Academy of Healing Arts – Las Vegas				414		
Certificate – Anthem Institute – Las Vegas	27	23	86	137	174	
Certificate – Career College of Northern Nevada – Sparks	38	27	38	50	48	
Certificate – Everest College – Henderson				44	145	
Certificate – Kaplan College – Las Vegas	87	107	129	212	214	
Certificate – Milan Institute – Sparks	72	57	98	121	39	
Certificate – Nevada Career Institute – Las Vegas	103	99	12	69	65	
Certificate – Pima Medical Institute – Las Vegas	63	101	134	196	205	
<i>Subtotal – Certificates</i>	390	414	497	1,243	890	
Nevada Total	442	461	528	1,281	999	

Medical Illustration/Medical Illustrator (51.2703)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Medical Informatics (51.2706)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Medical Radiologic Technology/Science Radiation Therapist (51.0907)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Las Vegas	12	10	17	22	22	21
<i>Subtotal – Bachelor's Degrees</i>	12	10	17	22	22	21
Associate's – College of Southern Nevada – Las Vegas	8	9	17	9	10	9
Associate's – Great Basin College – Elko				0		
Associate's – Truckee Meadows Community College – Reno					15	13
<i>Subtotal – Associate's Degrees</i>	8	9	17	9	25	22
Certificate – College of Southern Nevada – Las Vegas		1				
Certificate – Truckee Meadows Community College – Reno	15	11	15	15		
<i>Subtotal – Certificates</i>	15	12	15	15		
Nevada Total	35	31	49	46	47	43

Medication Aide (51.2603)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Movement and Mind-Body Therapies and Education (51.3601)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Music Therapy/Therapist (51.2305)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Naturopathic Medicine/Naturopathy (51.3303)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Neurobiology and Neurosciences (26.1501)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Reno	/	/	2	9	9	29
Nevada Total	/	/	2	9	9	29

Neurosciences (30.24)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Reno	/	/	2	/	/	/
Nevada Total	/	/	2	/	/	/

Nuclear Medical Technology/Technologist (51.0905)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Las Vegas	10	13	13	9	3	9
Nevada Total	10	13	13	9	3	9

Nutrition Sciences (30.19)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – University of Nevada, Reno	/	/	/	2	3	0
<i>Subtotal – Master's Degrees</i>	/	/	/	2	3	0
Bachelor's – University of Nevada, Las Vegas	21	18	23	18	16	25
Bachelor's – University of Nevada, Reno	/	23	39	39	47	39
<i>Subtotal – Bachelor's Degrees</i>	21	41	62	56	63	64
Nevada Total	21	41	62	58	66	64

Occupational Safety and Health Technology/Technician (15.0701)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	/	/	/	/	/	7
<i>Subtotal – Associate's Degrees</i>	/	/	/	/	/	7
Certificate – College of Southern Nevada – Las Vegas	/	/	/	/	/	6
<i>Subtotal – Certificates</i>	/	/	/	/	/	6
Nevada Total	/	/	/	/	/	13

Occupational Therapist Assistant (51.0803)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	2	3	/	5	14	15
Nevada Total	2	3	/	5	14	15

Occupational Therapy/Therapist (51.2306)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Master's – Touro University Nevada – Henderson	/	/	/	20	26	31
<i>Subtotal – Master's Degrees</i>	/	/	/	20	26	31
Bachelor's – Nevada State College – Las Vegas	/	/	2	1	0	4
<i>Subtotal – Bachelor's Degrees</i>	/	/	2	1	0	4
Nevada Total	/	/	2	21	26	35

Ophthalmic Technician/Technologist (51.1803)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	2	5	5	5	9	/
Nevada Total	2	5	5	5	9	/

Ophthalmic Laboratory Technology/Technician (51.0601)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Ophthalmic and Optometric Support Services and Allied Professions, Other (51.1899)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Optician/Optometric Dispensing Optician (51.1801)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	/	/	/	/	/	8
Nevada Total	/	/	/	/	/	8

Optometric Technician/Assistant (51.1802)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Optometry (51.1701)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Orthoptics/Orthoptist (51.1804)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Orthotist/Prosthetist (51.2307)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Pathology/Pathologist Assistant (51.0811)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Perfusion Technology/Perfusionist (51.0906)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Pharmacology and Toxicology (26.1001)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	2	4	5	3	7	3
Nevada Total	2	4	5	3	7	3

Phlebotomy Technician/Phlebotomist (51.1009)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – Academy of Healing Arts – Las Vegas	20	46	288	251		
Certificate – Northwest Health Careers – Las Vegas	56	44	27	31	18	
Certificate – Pima Medical Institute – Las Vegas	57	11		11	7	
Nevada Total	133	101	315	293	25	

Physical Therapy Technician/Assistant (51.0806)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – College of Southern Nevada – Las Vegas	11	11	7	9	10	9
Nevada Total	11	11	7	9	10	9

Physical Therapy/Therapist (51.2308)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – Touro University – Las Vegas				0	0	24
Doctor's – University of Nevada, Las Vegas	17	19	43	25	30	29
<i>Subtotal – Doctor's Degrees</i>	17	19	43	25	30	53
Master's – University of Nevada, Las Vegas	2	0	0	0	0	0
<i>Subtotal – Master's Degrees</i>	2	0	0	0	0	0
Nevada Total	19	19	43	25	30	53

Podiatric Medicine/Podiatry (51.21)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Polysomnography (51.0917)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Radiation Protection/Health Physics Technician (51.0916)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Radiologist Assistant (51.0814)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Radiologic Technology/Science Radiographer (51.0911)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Las Vegas	0	0	0	0	0	0
<i>Subtotal – Bachelor's Degrees</i>	0	0	0	0	0	0
Associate's – Great Basin Community College – Elko		11	11	12	10	13
Associate's – Pima Medical Institute – Las Vegas	18	39	26	35	20	
<i>Subtotal – Associate's Degrees</i>	18	50	37	47	30	13
Certificate – University Nevada, Las Vegas	0	0	20	34	0	2
<i>Subtotal – Certificates</i>	0	0	20	34	0	2
Nevada Total	18	50	57	81	30	15

Rehabilitation Aide (51.2604)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Rehabilitation Science (51.2314)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Renal/Dialysis Technologist/Technician (51.1011)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Respiratory Care Therapy (51.0908)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Carrington College – Las Vegas	/	/	/	38	50	/
Associate's – College of Southern Nevada – Las Vegas	19	17	16	9	12	8
Associate's – Pima Medical Institute – Las Vegas	21	44	77	60	66	/
Nevada Total	40	61	93	107	128	8

Respiratory Therapy Technician/Assistant (51.0812)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Somatic Bodywork and Related Therapeutic Services (51.3501)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Anthem Institute – Las Vegas	24	11	1	/	/	/
<i>Subtotal – Associate's Degrees</i>	24	11	1	/	/	/
Certificates – Academy of Healing Arts – Las Vegas	39	59	74	73	/	/
Certificates – Anthem Institute – Las Vegas	7	17	40	39	26	/
Certificates – Carson City Beauty Academy – Carson City	/	/	/	/	5	/
Certificates – College of Southern Nevada – Las Vegas	/	/	5	6	4	/
Certificates – European Massage Therapy School – Las Vegas	/	/	/	67	48	/
Certificates – Everest College – Henderson	33	30	36	26	39	/
Certificates – Milan Institute – Sparks	47	57	50	46	57	/
Certificates – Nevada Career Institute – Las Vegas	41	23	4	8	4	/
Certificates – Northwest Health Centers – Las Vegas	82	41	46	27	27	/
Certificates – Pima Medical Institute – Las Vegas	0	0	0	/	/	/
Certificates – Utah College of Massage Therapy – Las Vegas	/	/	/	/	423	/
<i>Subtotal – Certificates</i>	249	87	255	292	633	/
Nevada Total	273	146	256	292	633	/

Somatic Bodywork (51.3503)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Speech Language Pathology (51.0203)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Doctor's – University of Nevada, Reno	/	1	1	1	/	/
<i>Subtotal – Doctor's Degrees</i>	/	1	1	1	/	/
Bachelor's – Nevada State College – Las Vegas	0	/	9	10	10	15
Bachelor's – University of Nevada, Reno	16	16	27	29	29	28
<i>Subtotal – Bachelor's Degrees</i>	16	16	37	39	39	43
Nevada Total	16	17	38	40	39	43

Speech-Language Pathology Assistant (51.0816)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Sterile Processing Technology/Technician (51.1012)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Surgical Technologist (51.0909)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Anthem Institute – Las Vegas	20	35	11	/	/	/
Associate's – College of Southern Nevada – Las Vegas	/	/	/	9	11	8
<i>Subtotal – Associate's Degrees</i>	20	35	11	9	11	8
Certificate – Anthem Institute – Las Vegas	1	3	21	40	46	/
Certificate – College of Southern Nevada – Las Vegas	5	4	5	3	/	/
Certificate – Nevada Career Institute – Las Vegas	29	23	21	2	14	/
Certificate – Western Nevada College – Carson City	14	13	0	0	/	/
<i>Subtotal – Certificates</i>	49	43	47	45	60	/
Nevada Total	69	78	58	54	71	8

Therapeutic Recreation/Recreational Therapy (51.2309)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	-	-	-	-	-	-
Nevada Total	-	-	-	-	-	-

Traditional Chinese Medicine and Chinese Herbology (51.3302)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	-	-	-	-	-	-
Nevada Total	-	-	-	-	-	-

Vocational Rehabilitation Counseling (51.2310)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Certificate – University of Nevada, Las Vegas	/	/	/	/	3	0
Nevada Total	/	/	/	/	3	0

Veterinary Programs in Nevada

Veterinary Medicine (51.24)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Veterinary Biomedical and Clinical Sciences (51.25)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
No Programs	–	–	–	–	–	–
Nevada Total	–	–	–	–	–	–

Pre-Veterinary Medicine (51.1104)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Bachelor's – University of Nevada, Reno		1		1	1	3
<i>Subtotal – Bachelor's Degrees</i>		1		1	1	3
Associate's – College of Southern Nevada – Las Vegas	16	10	13	12	16	14
<i>Subtotal – Associate's Degrees</i>	16	10	13	12	16	14
Certificate – College of Southern Nevada – Las Vegas	8	5	2	1	1	2
<i>Subtotal – Certificates</i>	8	5	2	1	1	2
Nevada Total	24	16	15	14	18	19

Veterinary Technician/Assistant (51.0808)	Awards					
	AY 06-07	AY 07-08	AY 08-09	AY 09-10	AY 10-11	AY 11-12
Associate's – Pima Medical Institute – Las Vegas					37	
Associate's – Truckee Meadows Community College – Reno					12	15
<i>Subtotal – Associate's Degrees</i>					49	15
Certificate – Pima Medical Institute – Las Vegas	50	74	72	75	66	
Certificate – Truckee Meadows Community College – Reno				8		
<i>Subtotal – Certificates</i>	50	74	72	83	66	
Nevada Total	50	74	72	83	115	